

1407100

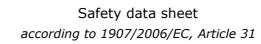
BACHEM

Revision: 26.06.2013 Printing date: 07.07.2016

(۲	rade name:
• A	łyp³,β-(2-thienyl)-Ala⁵,Tyr(Me)⁰-psi(CH₂NH)Arg⁰)-Bradykinin trifluoroacetate salt
ne	rticle number: ew: 4057654 old: H-6578
	AS Number: 59768-75-9
• A	elevant identified uses of the substance or mixture and uses advised against pplication of the substance / the preparation aboratory chemicals
• D	etails of the supplier of the safety data sheet
Bi Hi C Si Ei T	lanufacturer/Supplier: achem AG auptstrasse 144 H-4416 Bubendorf witzerland -mail msds@bachem.com el +41 58 595 2021 ax +41 58 595 2040
	urther information obtainable from: epartment: Marketing
	mergency telephone number: 41 44 251 51 51 (Tox Info Suisse)
2 Ha	azards identification
• C Ve	lassification of the substance or mixture lassification according to Regulation (EC) No 1272/2008 <sup>oid</sup> abel elements
• S	abelling according to Regulation (EC) No 1272/2008 <sup>oid</sup> ignal word oid
• H Vi • O	azard statements oid ither hazards
• P N	ot applicable.
	PvB: ot applicable.

- CAS No. Description
- 159768-75-9 (Hyp³,β-(2-thienyl)-Ala⁵,Tyr(Me)³-psi(CH₂NH)Arg³)-Bradykinin trifluoroacetate salt Identification number(s)
- EC number:
- RTECS Number:
- GB





1407100

BACHEM

Revision: 26.06.2013 Printing date: 07.07.2016

## **PRODUCT:** (Hyp³,β-(2-thienyl)-Ala⁵,Tyr(Me)<sup>e</sup>-psi(CH₂NH)Arg<sup>e</sup>)-Bradykinin trifluoroacetate salt (Contd. of page 1) 04 First aid measures · Description of first aid measures · After inhalation: Supply fresh air; consult doctor in case of complaints. · After skin contact: Immediately wash with water and soap and rinse thoroughly. · After eye contact: Rinse opened eye for several minutes under running water. After swallowing: Call a doctor immediately. Information for doctor: · Most important symptoms and effects, both acute and delayed No further relevant information available. · Indication of any immediate medical attention and special treatment needed No further relevant information available.

# 05 Firefighting measures

- · Extinguishing media
- Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • Special hazards arising from the substance or mixture
- No further relevant information available.
- Advice for firefighters
- Protective equipment:
- No special measures required.

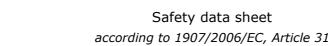
#### 06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections

#### 07 Handling and storage

- Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in dry conditions.
- Recommended storage temperature: -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.





1407100

**BACHEM** 

Revision: 26.06.2013 Printing date: 07.07.2016

	(Contd. of page
08 Exposure c	ontrols/personal protection
Control paran	neters
	ith limit values that require monitoring at the workplace:
CAS No.	Designation of material
Not required.	
·	
<ul> <li>Additional info</li> </ul>	ormation:
The lists valid of	uring the making were used as basis.
Exposure cor	trols
<ul> <li>Personal prot</li> </ul>	ective equipment:
	ctive and hygienic measures:
The usual prec	autionary measures are to be adhered to when handling chemicals.
<ul> <li>Respiratory p</li> </ul>	rotection:
In case of brief	exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-containe
respiratory prot	
	spiratory protective device in case of insufficient ventilation.
<ul> <li>Protection of</li> </ul>	
•	rial has to be impermeable and resistant to the product/ the substance/ the preparation.
•	tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixtu
Protective glov	glove material on consideration of the penetration times, rates of diffusion and the degradation
<ul> <li>Material of glob</li> </ul>	
•	the suitable gloves does not only depend on the material, but also on further marks of quality and varies from
manufacturer to	
	me of glove material
	k through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<ul> <li>Eye protectio</li> </ul>	

# 09 Physical and chemical properties

General Information		
Appearance:		
Form:	Powder	
Colour:	Whitish	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Change in condition		
Boiling point/Boiling range:	Undetermined.	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Ignition temperature:		
Decomposition temperature:	Not determined.	
Self-igniting:	Not determined.	-
Danger of explosion:	Not determined.	-
Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
Vapour pressure:	Not determined.	-
Density:	Not determined.	
Solubility in / Miscibility with		-
water:	at 25 ℃ 1,00 g/l	
Viscosity:		
Dynamic:	Not determined.	



# Safety data sheet according to 1907/2006/EC, Article 31

1407100

Revision: 26.06.2013 Printing date: 07.07.2016

(Contd. of page 3)

#### PRODUCT : (Hyp<sup>3</sup>,β-(2-thienyl)-Ala<sup>5</sup>,Tyr(Me)<sup>8</sup>-psi(CH<sub>2</sub>NH)Arg<sup>9</sup>)-Bradykinin trifluoroacetate salt

Kinematic: Other information Not determined. No further relevant information available.

#### 10 Stability and reactivity

- Reactivity
- · Chemical stability
- Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- Possibility of hazardous reactions
- No dangerous reactions known.
- Conditions to avoid
- No further relevant information available. Incompatible materials:
- No further relevant information available.
- Hazardous decomposition products:
- No dangerous decomposition products known.

## 11 Toxicological information

- Information on toxicological effects
- · Acute toxicity:
- No further relevant information available.
- Primary irritant effect:
- on the skin:
  - No further relevant information available.
- on the eye: No further relevant information available.
- Sensitization:
- No sensitizing effects known.
- · Additional toxicological information:

The substance is not subject to classification according to the latest version of the EU lists.

# 12 Ecological information

- Toxicity
- · Aquatic toxicity:
- No further relevant information available.Persistence and degradability
- No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil
- No further relevant information available.
- Results of PBT and vPvB assessment
- PBT:
- Not applicable.
- vPvB:
- Not applicable.
- Other adverse effects
- No further relevant information available.

GB

(Contd. on page 5)



# Safety data sheet according to 1907/2006/EC, Article 31

1407100

Revision: 26.06.2013 Printing date: 07.07.2016

		(Contd. of page 4
B Disposal considerations		
Waste treatment methods		
<ul> <li>Waste disposal key:</li> </ul>		
18 02 06		
Uncleaned packaging:		
Recommendation:		
Disposal must be made according to official	regulations.	
_		
Transport information		
UN-Number     ADR	Void	
IMDG	Void	
IATA	Void	
UN proper shipping name		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>Transport hazard class(es)</li> </ul>		
Class	Void	
IMDG		
Class	Void	
ΙΑΤΑ		
Class	Void	
Packing group		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
Environmental hazards:		
<ul><li>Not applicable.</li><li>Transport in bulk according to Annex II</li></ul>	of MARPOL 73/78 and the IRC Code	
Not applicable.		

### 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Department issuing MSDS: Department: Marketing

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

(Contd. on page 6)





# Safety data sheet according to 1907/2006/EC, Article 31

1407100

Revision: 26.06.2013 Printing date: 07.07.2016

PRODUCT : (Hyp³,β-(2-thienyl)-Ala⁵,Tyr(Me)⁵-psi(CH₂NH)Arg⁰)-B	radykinin trifluoroacetate salt
	(Contd. of page 5)
IMDG: International Maritime Code for Dangerous Goods	
IATA: International Air Transport Association	
IATA-DGR: Dangerous Goods Regulations by the "International Air Transpor	t Association" (IATA)
ICAO: International Civil Aviation Organisation	
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisati	on" (ICAO)
EINECS: European Inventory of Existing Commercial Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society	()
RTECS: Registry of Toxic Effects of Chemical Substances	
vPvB: very Persistent and very Bioaccumulative	