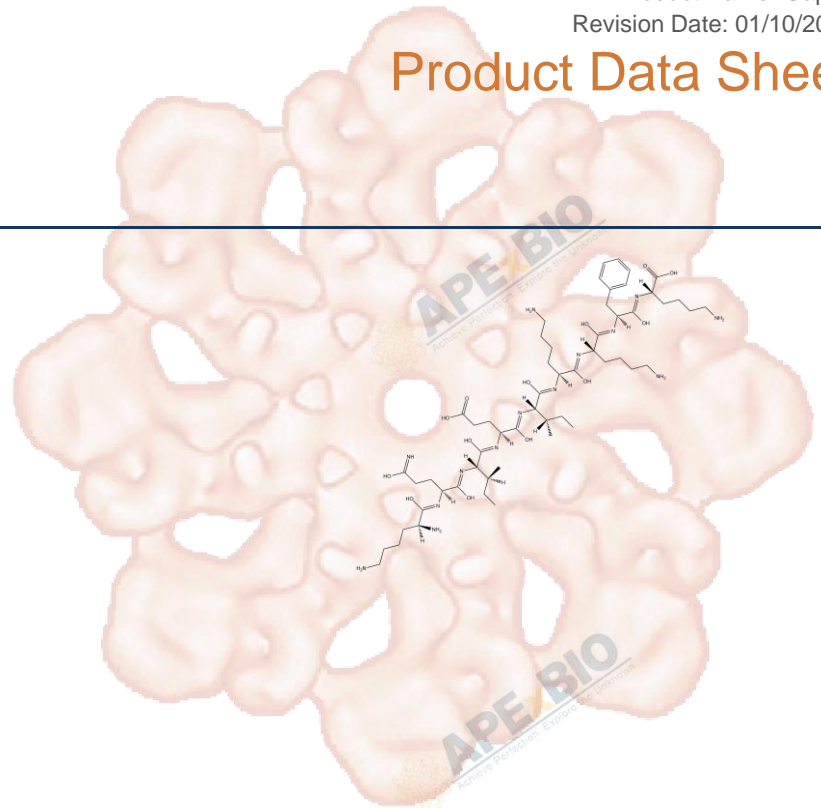


Product Data Sheet

Gap19

Cat. No.:	B4919
CAS No.:	1507930-57-5
Formula:	C55H96N14O13
M.Wt:	1161.45
Synonyms:	
Target:	Neuroscience
Pathway:	Gap Junction
Storage:	Store at -20°C



Solvent & Solubility

≥58.07 mg/mL in H₂O; insoluble in EtOH; ≥26.55 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		0.8610 mL	4.3050 mL	8.6099 mL
	5 mM		0.1722 mL	0.8610 mL	1.7220 mL
	10 mM		0.0861 mL	0.4305 mL	0.8610 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary Selective connexin 43 (Cx43) hemichannel blocker

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Shen C, Chen JH, et al. "mTOR- and SGK-Mediated Connexin 43 Expression Participates in Lipopolysaccharide-Stimulated Macrophage Migration through the iNOS/Src/FAK Axis." J Immunol. 2018 Nov 15;201(10):2986-2997. PMID:30341186

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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