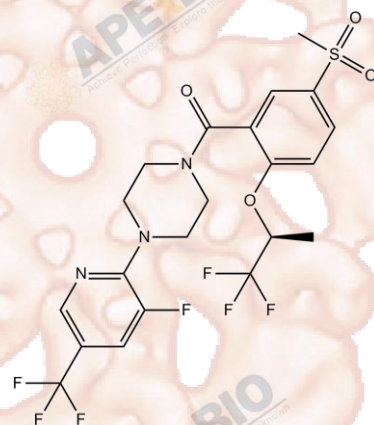


Product Data Sheet

Bitopertin

Cat. No.:	A3242
CAS No.:	845614-11-1
Formula:	C ₂₁ H ₂₀ F ₇ N ₃ O ₄ S
M.Wt:	543.46
Synonyms:	RG1678;RO4917838;RG-1678;RG-1678;RO-4917838;RO 4917838
Target:	Membrane Transporter/Ion Channel
Pathway:	GlyT1
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥17.94 mg/mL in EtOH; ≥88.9 mg/mL in DMSO with ultrasonic

In Vitro

	Solvent	Mass Concentration	1mg		
			5mg		
Preparing					
Stock Solutions					
	1 mM		1.8401 mL	9.2003 mL	18.4006 mL
	5 mM		0.3680 mL	1.8401 mL	3.6801 mL
	10 mM		0.1840 mL	0.9200 mL	1.8401 mL

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

Biological Activity

Shortsummary

Glycine reuptake inhibitor(GlyT1)

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

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 APExBIO 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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