

Product Name: Zibotentan (ZD4054)

Revision Date: 07/10/2023

Product Data Sheet

Zibotentan (ZD4054)

Cat. No.: A5489

CAS No.: 186497-07-4

Formula: C19H16N6O4S

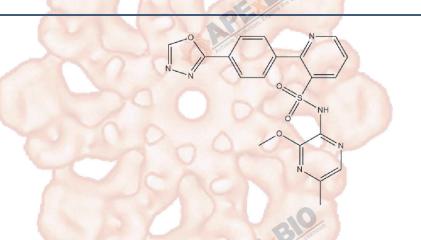
M.Wt: 424.43

Synonyms:

Target: GPCR/G protein

Pathway: Endothelin Receptor

Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H2O; \geqslant 7.2 mg/mL in DMSO

Mass Solvent 1mg 5mg 10mg Preparing Concentration In Vitro Stock Solutions 1 mM 2.3561 mL 11.7805 mL 23.5610 mL 2.3561 mL 5 mM 0.4712 mL 4.7122 mL 10 mM 0.2356 mL 1.1781 mL 2.3561 mL

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

Biological Activity

Shortsummary	ETA receptor antagonist, potent and specific	
IC ₅₀ & Target	21 nM (ETA)	20 miles
In Vitro	Cell Viability Assay	Ellipa de de la companya del companya del companya de la companya
	Preparation method:	and the second
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Li H, Guo S, et al. "Lipopolysaccharide and heat stress impair the estradiol biosynthesis in granulosa cells via increase of HSP70 and inhibition of smad3 phosphorylation and nuclear translocation." Cell Signal. 2017Jan;30:130-141.PMID:27940052

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. Shortterm 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.

APExBIO Technology

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