APEхBIO
Achieve Perfection, Explore the Unknown

Product Data Sheet

NT157

Cat. No.:	B7808
CAS No.:	1384426-12-3
Formula:	C16H14BrNO5S
M.Wt:	412.26
Synonyms:	
Target:	Tyrosine Kinase
Pathway:	IGF1R
Storage:	Store at -20°C
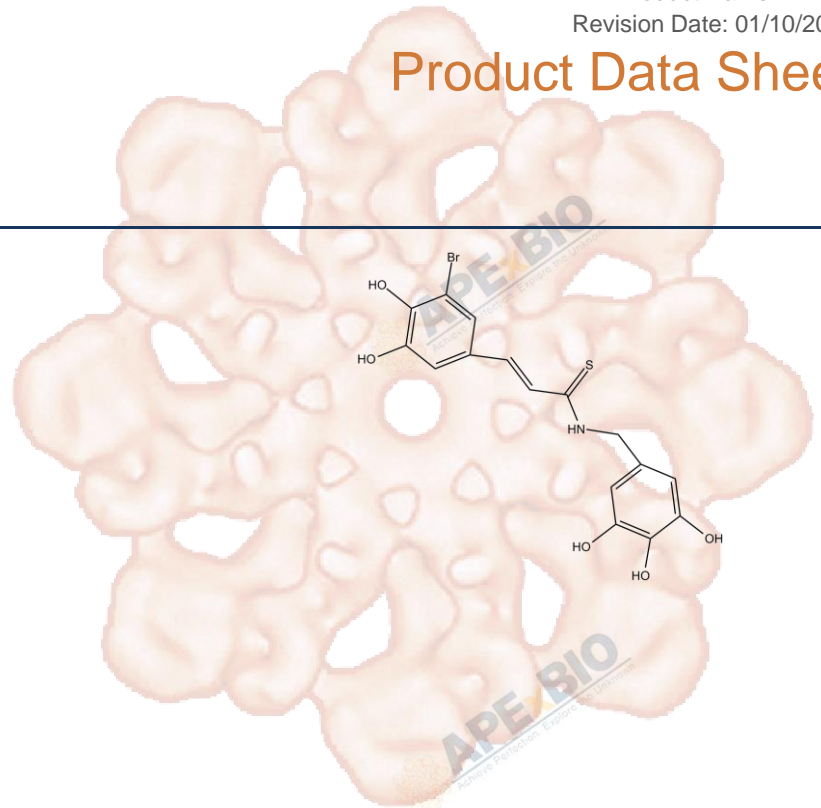
Solvent & Solubility

insoluble in H2O; ≥21.5 mg/mL in EtOH; ≥50 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Mass / Solvent / Concentration	1mg	5mg	10mg
		1 mM	2.4257 mL	12.1283 mL	24.2565 mL
		5 mM	0.4851 mL	2.4257 mL	4.8513 mL
		10 mM	0.2426 mL	1.2128 mL	2.4257 mL

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

Biological Activity

Shortsummary	IRS-1/2 inhibitor, inhibits IGF-1R and STAT3 signaling pathway
IC$_{50}$ & Target	
In Vitro	**Cell Viability Assay**
	Preparation method：
In Vivo	**Animal experiment**
	Applications:

Product Citations

1. Janse van Rensburg HJ, Lai D, et al. "TAZ enhances mammary cell proliferation in 3D culture through transcriptional regulation of IRS1." Cell Signal. 2018 Aug 20;52:12-22.PMID:30138697

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.

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