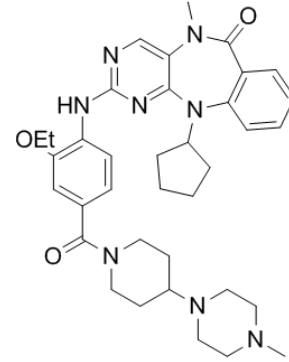


Product Data Sheet

XMD17-109

Cat. No.:	A3942
CAS No.:	1435488-37-1
Formula:	C36H46N8O3
M.Wt:	638.8
Synonyms:	XMD17 109
Target:	MAPK Signaling
Pathway:	ERK
Storage:	Store at -20°C



Solvent & Solubility

≥31.95 mg/mL in DMSO; insoluble in H₂O; ≥86.6 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.5654 mL	7.8272 mL	15.6544 mL
	5 mM		0.3131 mL	1.5654 mL	3.1309 mL
	10 mM		0.1565 mL	0.7827 mL	1.5654 mL

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

Biological Activity

Shortsummary

ERK-5 inhibitor

IC₅₀ & Target

4.2±0.69 μM(EC₅₀, in HEK 293 cells) (ERK-5)

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 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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