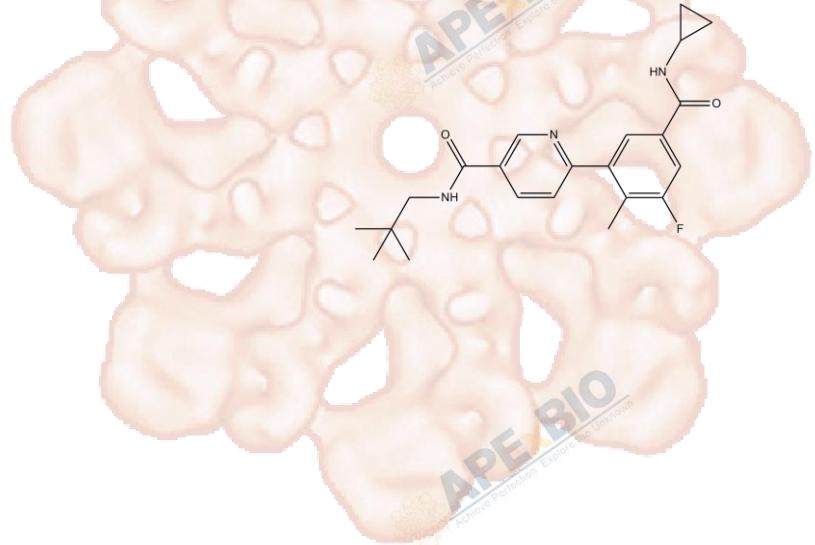


Product Data Sheet

Losmapimod

Cat. No.:	B4620
CAS No.:	585543-15-3
Formula:	C ₂₂ H ₂₆ FN ₃ O ₂
M.Wt:	383.46
Synonyms:	
Target:	MAPK Signaling
Pathway:	p38
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥19.15 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Mass			
	Solvent	1mg	5mg	10mg
Concentration	1 mM	2.6078 mL	13.0392 mL	26.0783 mL
	5 mM	0.5216 mL	2.6078 mL	5.2157 mL
	10 mM	0.2608 mL	1.3039 mL	2.6078 mL

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

Biological Activity

Shortsummary	p38 MAPK inhibitor, orally active
IC ₅₀ & Target	(pKi=8.1) (p38α), (pKi=7.6) (p38β)

In Vitro	Cell Viability Assay
	Preparation method:

In Vivo	Animal experiment
	Applications:

Product Citations

1. Cheriyan VT, Alsaab H, et al. "A CARP-1 functional mimetic compound is synergistic with BRAF-targeting in non-small cell lung cancers." *Oncotarget*. 2018 Jul 3;9(51):29680-29697.PMID:30038713

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. 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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