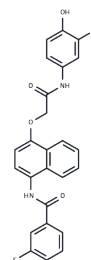


TCRS-417

Chemical Properties

CAS No. :	2032123-28-5
Formula:	C ₂₅ H ₁₉ FN ₂ O ₅
Molecular Weight:	446.43
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	TCRS-417 (T417) inhibits PBX1-DNA interaction in mammalian cells or cell clusters, used in autoimmune and neurodegenerative disease research.
Targets(IC50)	Others,MAPK,DNA/RNA Synthesis
In vitro	TCRS-417 (0 μM, 2.5 μM, 5 μM, 7.5 μM and 10 μM, 48h) can effectively interfere with PBX1-DNA interactions. [1]
In vivo	TCRS-417(2.5 mg/kg intraperitoneally injected) inhibited tumor growth in mice xenografted with SKOV3CRLuc. [1]

Solubility Information

Solubility	DMSO: 80 mg/mL (179.2 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.240 mL	11.200 mL	22.3999 mL
5 mM	0.448 mL	2.240 mL	4.480 mL
10 mM	0.224 mL	1.120 mL	2.240 mL
50 mM	0.0448 mL	0.224 mL	0.448 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Small molecule compounds targeting pbx1 transcriptional complex.WO2016172437.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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