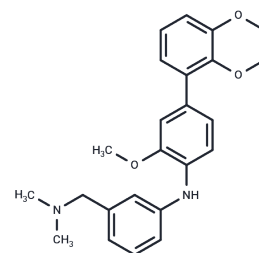


pan-KRAS-IN-16

Chemical Properties

CAS No. :	2368246-78-8
Formula:	C ₂₄ H ₂₆ N ₂ O ₃
Molecular Weight:	390.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	pan-KRAS-IN-16 is an inhibitor of KRAS-effector interactions, with an affinity of 126nm.
Targets(IC50)	Ras, Kras
In vitro	In vitro competition studies of 3344 binding to KRAS-G12V in waterLOGSY NMR show the anti-RAS scFv inhibits 3344 binding to KRAS. In view of the in vitro inhibition by the anti-RAS scFv of 3344 binding to RAS and because the iDAB RAS interferes with BRET signal in cells, 3344 was used for validation of the BRET2 toolbox for RAS-effector PPI inhibitors.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.561 mL	12.8051 mL	25.6102 mL
5 mM	0.5122 mL	2.561 mL	5.122 mL
10 mM	0.2561 mL	1.2805 mL	2.561 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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

Bery et al. eLife 2018;7:e37122.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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