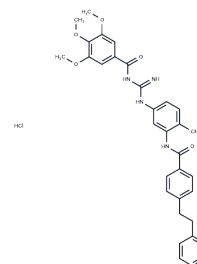


## MRT-92 HCl salt

## Chemical Properties

CAS No. :	1428307-52-1
Formula:	C33H35ClN4O5
Molecular Weight:	603.12
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	MRT-92 is a potent and selective Smoothed (Smo) receptor inhibitor. MRT-92 displays subnanomolar antagonist activity against Smo in various Hh cell-based assays. MRT-92 inhibits rodent cerebellar granule cell proliferation induced by Hh pathway activation through pharmacologic (half maximal inhibitory concentration [IC50] = 0.4 nM) or genetic manipulation. Smo is the target of anticancer drugs that bind to a long and narrow cavity in the 7-transmembrane (7TM) domain.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.658 mL	8.2902 mL	16.5804 mL
5 mM	0.3316 mL	1.658 mL	3.3161 mL
10 mM	0.1658 mL	0.829 mL	1.658 mL
50 mM	0.0332 mL	0.1658 mL	0.3316 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.

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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