Data Sheet (Cat.No.T12664)



(Rac)-BRD0705

chemical propert		
CAS No. :	1597440-03-3	H CH_3
Formula:	C20H23N3O	HN CH ₃
Molecular Weight:	321.42	
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	H ₃ C

Biological Description	e v
Description	(Rac)-BRD0705 is a less active racemate of BRD0705. BRD0705 is an effective and selective inhibitor of GSK3α.
Targets(IC50)	Others

Solubility Information	
Solubility	DMSO: 245 mg/mL (762.24 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1112 mL	15.556 mL	31.1119 mL
5 mM	0.6222 mL	3.1112 mL	6.2224 mL
10 mM	0.3111 mL	1.5556 mL	3.1112 mL
50 mM	0.0622 mL	0.3111 mL	0.6222 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.

Reference

Edward Scolnick, et al. Uses of paralog-selective inhibitors of gsk3 kinases. US20160375006A1. Wagner FF, et al. Exploiting an Asp-Glu "switch" in glycogen synthase kinase 3 to design paralog-selective

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