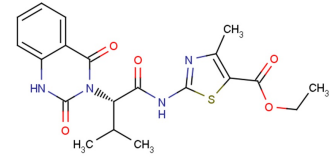


Data Sheet (Cat.No.T15661)

Kif15-IN-1

Chemical Properties

CAS No.:	672926-32-8
Formula:	C20H22N4O5S
Molecular Weight:	430.48
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Kif15-IN-1 is an inhibitor of the mitotic Kinesin family member 15 (Kif15). Kif15-IN-1 is used for the research of cellular proliferative diseases.
Targets(IC ₅₀)	KIF15: None
In vitro	Kif15-IN-1 has potential activities against cellular proliferative diseases such as cancer, restenosis, hyperplasias, immune disorders, cardiac hypertrophy, and inflammation.

Solubility Information

Solubility	DMSO: 100 mg/mL (232.30 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.323 mL	11.615 mL	23.23 mL
5 mM	0.465 mL	2.323 mL	4.646 mL
10 mM	0.232 mL	1.161 mL	2.323 mL
50 mM	0.046 mL	0.232 mL	0.465 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Preparation of quinazolinones as Kif15 kinesin inhibitors for treating cellular proliferative disorders. Pat. Appl. Publ. (2004), US 20040053948 A1 20040318.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481