

BI-685509

Chemical Properties

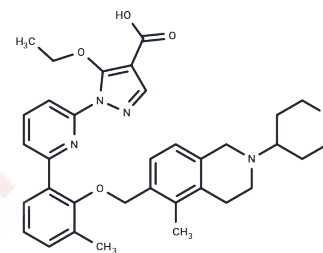
CAS No. : 1579514-06-9

Formula: C34H38N4O5

Molecular Weight: 582.69

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	BI-685509 is a potent and orally active sGC activator. BI-685509 restores cyclic guanosine monophosphate (cGMP) and improves functionality of nitric oxide (NO) pathways. BI-685509 can be used in research of chronic kidney disease (CKD) and diabetic kidney disease (DKD) .
Targets(IC50)	Others,Guanylate cyclase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7162 mL	8.5809 mL	17.1618 mL
5 mM	0.3432 mL	1.7162 mL	3.4324 mL
10 mM	0.1716 mL	0.8581 mL	1.7162 mL
50 mM	0.0343 mL	0.1716 mL	0.3432 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

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