

(Rac)-BI 703704

Chemical Properties

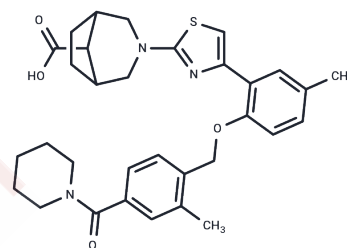
CAS No. : 1423067-48-4

Formula: C32H37N3O4S

Molecular Weight: 559.72

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	(Rac)-BI 703704 is a potent activator of soluble guanylyl cyclase (sGC).
Targets(IC50)	Others, Guanylate cyclase
In vivo	(Rac)-BI 703704 inhibits the progression of diabetic nephropathy in the ZSF1 rat[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7866 mL	8.933 mL	17.8661 mL
5 mM	0.3573 mL	1.7866 mL	3.5732 mL
10 mM	0.1787 mL	0.8933 mL	1.7866 mL
50 mM	0.0357 mL	0.1787 mL	0.3573 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

Yu L, et al. Picrocrocin exhibits growth inhibitory effects against SKMEL- 2 human malignant melanoma cells by targeting JAK/ STAT5 signaling pathway, cell cycle arrest and mitochondrial mediated apoptosis. J BUON. 2018 Jul-Aug;23(4):1163-1168.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481