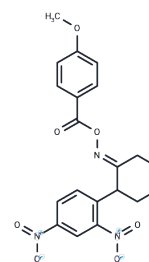


Rac-ZINC4085554

Chemical Properties

CAS No. : 383147-92-0
 Formula: C₂₀H₁₉N₃O₇
 Molecular Weight: 413.38
 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-ZINC4085554 is a blocker of AKT1-FAK interaction reducing the stimulation of FAK phosphorylation in response to extracellular pressure in human SW620 colon cancer cells without affecting basal FAK phosphorylation.
Targets(IC50)	FAK,Akt

Solubility Information

Solubility	DMSO: 5 mg/mL (12.1 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4191 mL	12.0954 mL	24.1908 mL
5 mM	0.4838 mL	2.4191 mL	4.8382 mL
10 mM	0.2419 mL	1.2095 mL	2.4191 mL
50 mM	0.0484 mL	0.2419 mL	0.4838 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

More SK, Vomhof-Dekrey EE, Basson MD. ZINC4085554 inhibits cancer cell adhesion by interfering with the interaction of Akt1 and FAK. *Oncol Lett.* 2019 Jun;17(6):5251-5260. doi: 10.3892/ol.2019.10192. Epub 2019 Mar 27. PMID: 31186741; PMCID: PMC6507311.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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