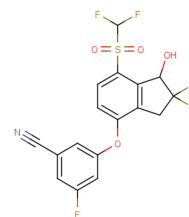


(Rac)-PT2399

Chemical Properties

CAS No.:	1672662-07-5
Formula:	C ₁₇ H ₁₀ F ₅ NO ₄ S
Molecular Weight:	419.32
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(Rac)-PT2399 is a potent and specific inhibitor of hypoxia-inducible factor 2α (HIF-2α)(IC ₅₀ of 0.01 μM).
Targets(IC ₅₀)	HIF-2α: 0.01 μM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.385 mL	11.924 mL	23.848 mL
5 mM	0.477 mL	2.385 mL	4.77 mL
10 mM	0.238 mL	1.192 mL	2.385 mL
50 mM	0.048 mL	0.238 mL	0.477 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. Wehn PM, et al. Design and Activity of Specific Hypoxia-Inducible Factor-2α (HIF-2α) Inhibitors for the Treatment of Clear Cell Renal Cell Carcinoma: Discovery of Clinical Candidate (S)-3-((2,2-Difluoro-1-hydroxy-7-(methylsulfonyl)-2,3-dihydro-1 H-inden-4-yl)oxy)-5-fluorobenzonitrile (PT2385). J Med Chem. 2018 Nov 8;61(21):9691-9721.

Inhibitors · Natural Compounds · Compound Libraries

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