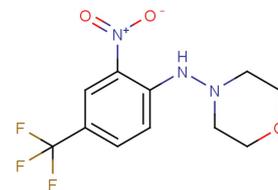


THS-044

Chemical Properties

CAS No.:	62054-67-5
Formula:	C ₁₁ H ₁₂ F ₃ N ₃ O ₃
Molecular Weight:	291.23
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	THS-044 binding stabilizes the HIF2 α PAS-B folded state, for regulating HIF2 activity in endogenous and clinical settings.
Targets(IC ₅₀)	Others: None

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	3.434 mL	17.169 mL	34.337 mL
5 mM	0.687 mL	3.434 mL	6.867 mL
10 mM	0.343 mL	1.717 mL	3.434 mL
50 mM	0.069 mL	0.343 mL	0.687 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

- Motto I, et al. New aryl hydrocarbon receptor homology model targeted to improve docking reliability. J Chem Inf Model. 2011 Nov 28;51(11):2868-2881.
- Scheuermann TH, et al. Artificial ligand binding within the HIF2 α PAS-B domain of the HIF2 transcription factor. Proc Natl Acad Sci U S A. 2009 Jan 13;106(2):450-455.

Inhibitors · Natural Compounds · Compound Libraries

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