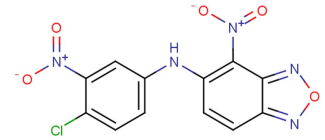


Data Sheet (Cat.No.T11562)

HIF-2 α -IN-3

Chemical Properties

CAS No.:	313964-19-1
Formula:	C ₁₂ H ₆ ClN ₅ O ₅
Molecular Weight:	335.66
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	HIF-2 α -IN-3 is an allosteric inhibitor of HIF-2 α (IC ₅₀ : 0.4 μ M; K _D : 1.1 μ M) with anticancer activity.
Targets(IC ₅₀)	HIF-2 α : (kd)1.1 μ M
In vitro	HIF-2 α -IN-3 inhibits HIF-2 α -ARNT heterodimerization by binding an internal cavity of the HIF-2 α PAS-B domain.

Solubility Information

Solubility	DMSO: 12.5 mg/mL (37.24 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.979 mL	14.896 mL	29.792 mL
5 mM	0.596 mL	2.979 mL	5.958 mL
10 mM	0.298 mL	1.49 mL	2.979 mL
50 mM	0.06 mL	0.298 mL	0.596 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. Rogers JL, et al. Development of inhibitors of the PAS-B domain of the HIF-2 α transcription factor. J Med Chem. 2013 Feb 28;56(4):1739-47.

Inhibitors · Natural Compounds · Compound Libraries

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