Data Sheet (Cat.No.T10258)

TargetMol

AFP464 free base

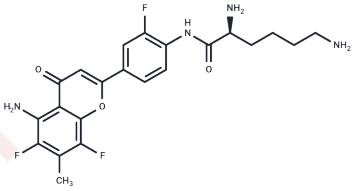
Chemical Properties

CAS No. : 468719-52-0

Formula: C22H23F3N4O3

Molecular Weight: 448.44

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	AFP464 (NSC710464) free base is an active HIF-1α inhibitor (IC50: 0.25 μM) and a potent aryl hydrocarbon receptor (AhR) activator.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase,HIF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.230 mL	11.1498 mL	22.2995 mL
5 mM	0.446 mL	2.230 mL	4.4599 mL
10 mM	0.223 mL	1.115 mL	2.230 mL
50 mM	0.0446 mL	0.223 mL	0.446 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

Terzuoli E1, Aminoflavone, a ligand of the aryl hydrocarbon receptor, inhibits HIF-1alpha expression in an AhR-independent fashion. Cancer Res. 2010 Sep 1;70(17):6837-48.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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