
Product Data Sheet

Product Name: AFP464
Cat. No.: GC33416

Chemical Properties

Cas. No. 468719-52-0

SMILES O=C(NC1=CC=C(C2=CC(C3=C(N)C(F)=C(C)C(F)=C3O2)=O)C=C1F)[C@@H](N)CCCCN

Formula $C_{22}H_{23}F_3N_4O_3$ M.Wt 448.44

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

AFP464, is an active HIF-1 α inhibitor with an IC₅₀ of 0.25 μ M, also is a potent aryl hydrocarbon receptor (AhR) activator.

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

Caution: Product has not been fully validated for medical applications. For research use only.

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