

DPH

Catalog No: tcsc0251



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

484049-04-9

Formula:

$C_{18}H_{13}FN_4O_2$

Pathway:

Protein Tyrosine Kinase/RTK

Target:

Bcr-Abl

Purity / Grade:

>98%

Solubility:

DMSO : 100 mg/mL (297.34 mM; Need ultrasonic)

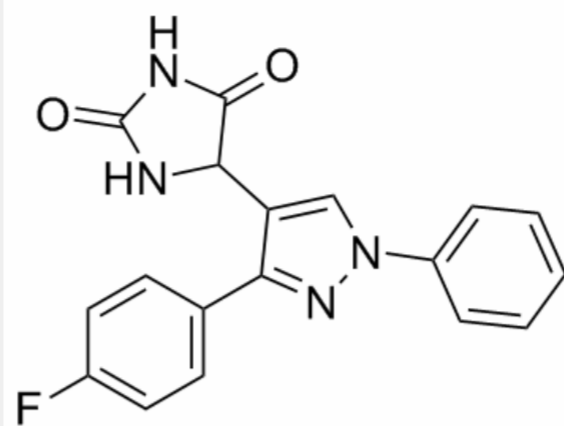
Observed Molecular Weight:

336.32

Product Description

DPH is a potent cell permeable **c-Abl** activator, which displays potent enzymatic and cellular activity in stimulating c-Abl activation.

In Vitro: DPH binds to the myristoyl binding site and prevents the formation of the bent conformation of the α 1 helix through steric hindrance, a mode of action distinct from the previously identified allosteric c-Abl inhibitor, GNF-2, that also binds to the myristoyl binding site. DPH represents the first cell-permeable, small-molecule tool compound for c-Abl activation^[1].



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