

PF-04620110

Catalog No: tcsc0370



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1109276-89-2

Formula:

$C_{21}H_{24}N_4O_4$

Pathway:

Metabolic Enzyme/Protease

Target:

Acyltransferase

Purity / Grade:

>98%

Solubility:

DMSO : 12.5 mg/mL (31.53 mM; Need ultrasonic)

Observed Molecular Weight:

396.44

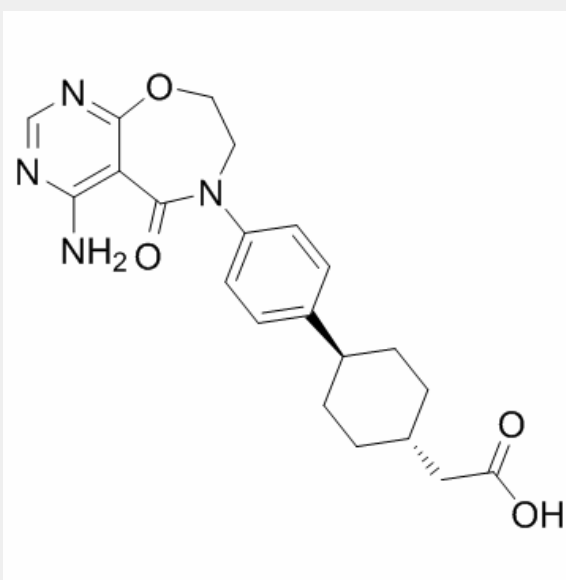
Product Description

PF-04620110 is an orally active, selective and potent diglyceride acyltransferase-1 (DGAT1) inhibitor with IC50 of 19 nM.

IC50 value: 19 nM [1]

Target: DGAT1

PF-04620110 and imipramine (internal standard) were separated using a Hypersil Gold C18 column, with a mixture of acetonitrile and 10 mM ammonium formate (90:10, v/v) as the mobile phase. The ion transitions monitored in positive-ion mode $[M + H]^+$ of multiple-reaction monitoring were m/z 397.0 - 260.2 for PF-04620110 and m/z 280.8 - 86.0 for imipramine. The detector response was specific and linear for PF-04620110 at concentrations within the range 0.05-50 $\mu\text{g/mL}$ and the signal-to-noise ratios for the samples were ≥ 10 [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!