

ABT-046

Catalog No: tcsc1213



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1031336-60-3

Formula:

$C_{20}H_{22}N_4O_2$

Pathway:

Metabolic Enzyme/Protease

Target:

Acyltransferase

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

DGAT-1 inhibitor

Observed Molecular Weight:

350.41

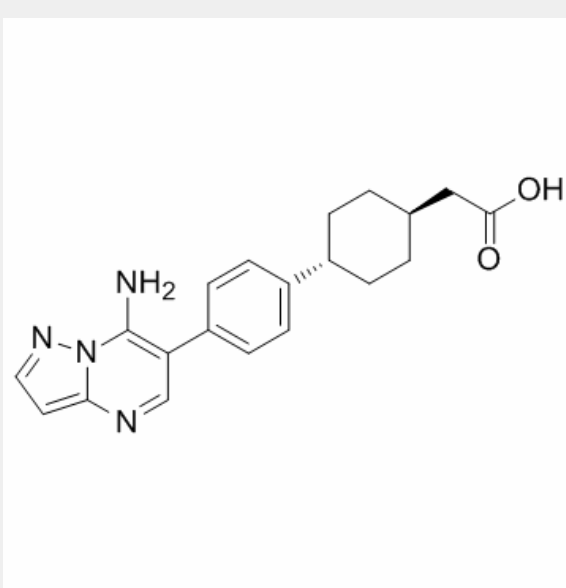
Product Description

ABT-046 is a potent, selective, and orally bioavailable Diacylglycerol acyltransferase 1 (DGAT-1) inhibitor (IC₅₀= 8 nM).

IC₅₀ value: 8 nM [1]

Target: DGAT-1

Oral administration at doses ≥ 0.03 mg/kg significantly reduced postprandial triglycerides in mice following an oral lipid challenge. Further assessment in both acute and chronic safety pharmacology and toxicology studies demonstrated a clean profile up to high plasma levels, thus culminating in the nomination of 14 as clinical candidate ABT-046.



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