

Product Data Sheet

Product Name: ABT-046

Cat. No.: GC35221

Chemical Properties

Cas. No. 1031336-60-3

SMILES NC1=C(C2=CC=C(C([C@H]3CC[C@H](CC(O)=O)CC3)C=C2)C=NC4=CC=NN41

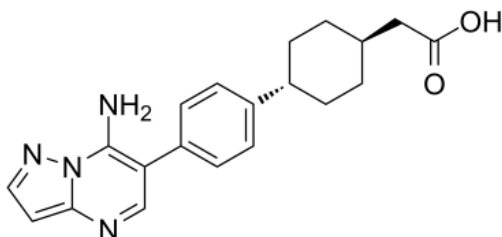
Formula C20H22N4O2 M.Wt 350.41

Solubility DMSO: 66.67 mg/mL (190.26 mM) 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

ABT-046 is a potent, selective, and orally efficacious acyl CoA:diacylglycerol acyltransferase 1 (DGAT-1) inhibitor (IC₅₀= 8 nM)[1].

[1]. Yeh VS, et al. Identification and preliminary characterization of a potent, safe, and orally efficacious inhibitor of Acyl-CoA: Diacylglycerol acyltransferase 1. J Med Chem. 2012 Feb 23;55(4):1751-1757.

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

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