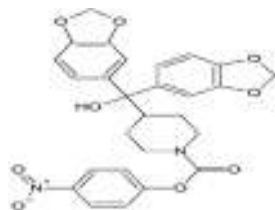


JZL-184

ALTERNATE NAME: JZL184
4-nitrophenyl-4-(dibenzo[d][1,3]dioxol-5-yl(hydroxy)methyl)piperidine-1-carboxylate

CATALOG #: B2755-5 5 mg
B2755-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₄N₂O

MOLECULAR WEIGHT: 242.66

CAS NUMBER: 1101854-58-3

APPEARANCE: Pale yellow to yellowish green solid

PURITY: ≥95% by HPLC

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: JZL-184 is a potent and selective inhibitor of monoacylglycerol lipase (MAGL) that displays IC₅₀ values of 8 nM and 4 μM for inhibition of MAGL and fatty acid amide hydrolase in mouse brain membranes, respectively. Monoacylglycerol lipase (MAGL) is a serine hydrolase responsible for the hydrolysis of 2-AG to arachidonic acid and glycerol, thus terminating its biological function.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Monoacylglycerol Lipase Inhibitor Screening Kit (Fluorometric) (K474)
Monoacylglycerol Lipase (MAGL) Activity Assay Kit (Fluorometric) (K561)
JZL195 (B1064)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*