

Catalog Number: CM05084

产品信息

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CM05084

CAS号:
1314217-69-0

分子式:
 $C_{25}H_{28}F_3N_5O_6S$

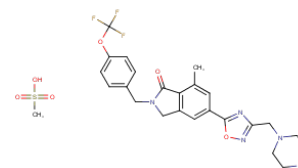
主要靶点:
GluR

主要通路：
神经科学

分子量:
583.58

溶解度:

DMSO:41.67 mg/mL (71.40 mM), Sonification is recommended.



靶点活性

mGluR2: (EC₅₀) 285 nM

体外活性

AZD-8529 potentiates the effects of glutamate at mGluR2 (EC50: 195 nM). It does not elicit antagonist responses on mGluRs at 25 μ M.

体内活性

AZD-8529 (30 mg/kg; i.p.) decreases the increased extracellular dopamine induced by nicotine in accumbens shell of freely-moving rats. AZD-8529 (0.3-mg/kg, i.m.) reduces nicotine priming-induced and cue-induced reinstatement in squirrel monkeys.

描述

AZD-8529 mesylate is a highly selective, and orally bioavailable positive allosteric modulator of mGluR2 (EC50: 285 nM). It shows no positive allosteric modulator responses at 20-25 μ M on the mGluR1, 3, 4, 5, 6, 7, and 8 subtypes.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years