

Catalog Number: CM02537

产品信息

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CM02537

CAS号:
316173-57-6

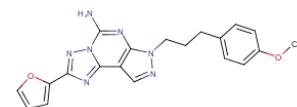
分子式:
C₂₀H₁₉N₇O₂

主要靶点:
Adenosine Receptor

主要通路:
G蛋白偶联受体|神经科学

分子量:
389.42

溶解度:
DMSO:60 mg/ml (154.08 mM)



靶点活性

rA2AR:0.5 nM (IC₅₀)|hA2AR:0.048 nM (IC₅₀)

体外活性

The A2A receptor antagonist (SCH 442416) could increase mRNA expression of the Kir 2.1 and Kir 4.1 channels in Müller cells to protect the retinal neurons in vitro under hypoxic conditions[1].

描述

SCH-442416 is a selective antagonist of adenosine A2A receptor. SCH-442416 binds to human and rat A2A receptors with high affinity (K_i values are 0.048 and 0.5 nM respectively).

储存

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