

Tozadenant

Catalog No: tcsc0359



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

870070-55-6

Formula:

$C_{19}H_{26}N_4O_4S$

Pathway:

GPCR/G Protein

Target:

Adenosine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

SYN115

Observed Molecular Weight:

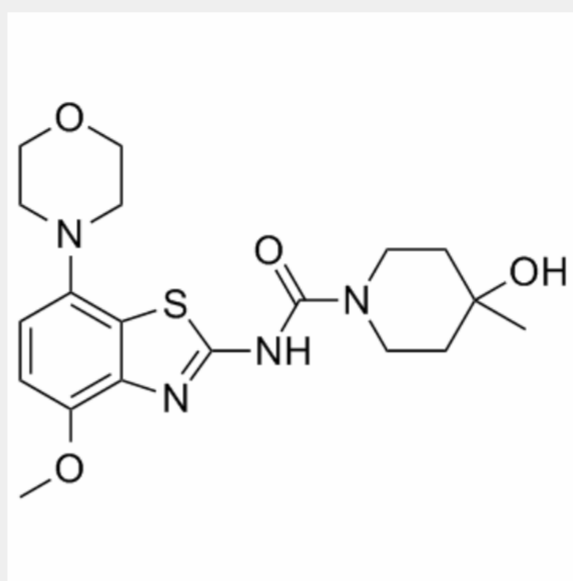
406.5

Product Description

Tozadenant is an **adenosine A_{2A}** receptor antagonist, with **K_i** of 11.5 nM on human A_{2A} and 6 nM on rhesus A_{2A}.

IC50 & Target: K_i: 6 nM (Rhesus A_{2A}), 11.5 nM (Human A_{2A})

In Vivo: ¹⁸F-MNI-444 regional uptake is consistent with A_{2A} receptor distribution in the brain. Selectivity is demonstrated by dose-dependent blocking by tozadenant (1.5, 10.5 mg/kg) and preladenant^[1].



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