

Asapiprant

Catalog No: tcsc8174



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

932372-01-5

Formula:

$C_{24}H_{27}N_3O_7S$

Pathway:

GPCR/G Protein

Target:

Prostaglandin Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

S-555739

Observed Molecular Weight:

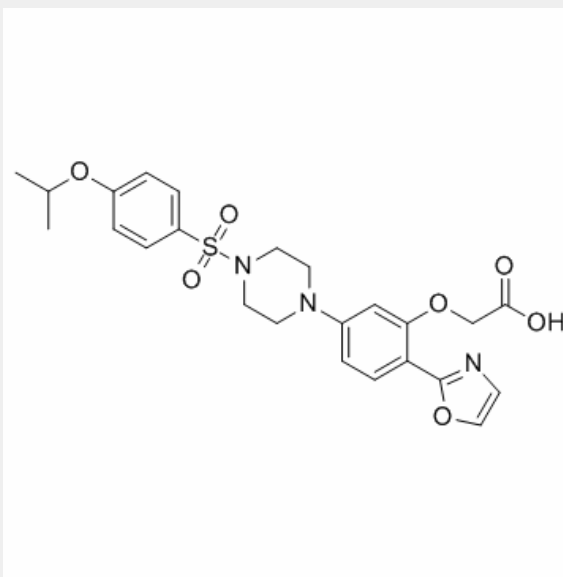
501.55

Product Description

Asapiprant is a potent and selective **DP₁ receptor** antagonist with a **K_i** of 0.44 nM.

IC50 & Target: Ki: 0.44 nM (DP₁ receptor)^[1]

In Vivo: Oral administration of Asapiprant to sheep at 1 and 3 mg/kg significantly (P2 (PGD)₂-induced nasal resistance by 86%. When orally administered 1 h before the antigen challenge in pigs, Asapiprant (3, 10, and 30 mg/kg) suppresses immediate airway response (IAR) by 52%, 57%, and 96%, and late airway response (LAR) by 67%, 50%, and 79%, respectively. Orally administered with Asapiprant (5 mg/kg) for 4 days, the Asapiprant significantly (P[1].



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