

SB-674042

Catalog No: tcsc0934



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

483313-22-0

Formula:

$C_{24}H_{21}FN_4O_2S$

Pathway:

GPCR/G Protein

Target:

Orexin Receptor (OX Receptor)

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 32 mg/mL (71.35 mM)

Observed Molecular Weight:

448.51

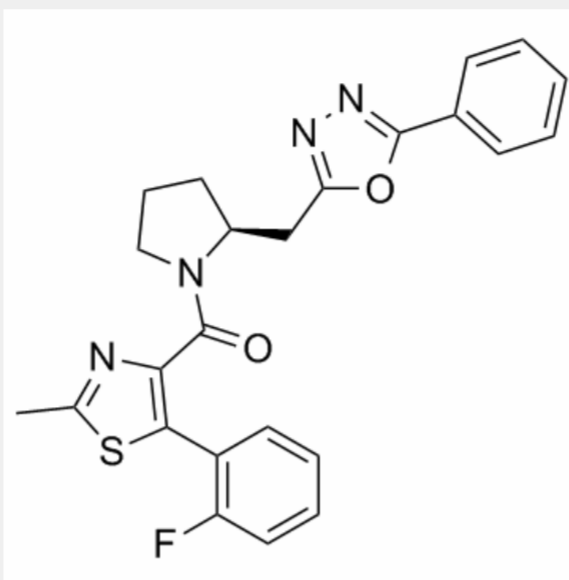
Product Description

SB-674042 is a potent and selective non-peptide orexin OX1 receptor antagonist ($K_d = 3.76$ nM); exhibits 100-fold selectivity for OX1 over OX2 receptors.

IC50 value: 3.76 nM (K_d)

Target: OX1 receptor

SB-674042 has no effect at serotonergic, dopaminergic, adrenergic or purinergic receptors. Inhibits orexin 1-induced Ca²⁺ mobilization in CHO-DG44 cells stably transfected with the OX1 receptor.



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