

Product Name : MW-150

Synonyms : MW01-18-150SRM;MW 150;MW150

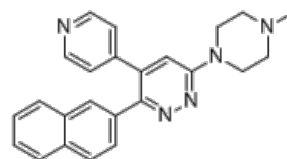
Cat No. : M12430

CAS Number : 1628502-91-9

Molecular Formula : C₂₄H₂₃N₅

Formula Weight : 381.48

Chemical Name : 6-(4-methylpiperazin-1-yl)-3-(naphthalen-2-yl)-4-(pyridin-4-yl)pyridazine



Description : MW-150 (MW01-18-150 SRM) is a novel potent, selective, CNS penetrant and orally active inhibitor of p38α MAPK with Ki of 101 nM; effectively suppresses hippocampal-dependent associative and spatial memory deficits in synaptic dysfunction mouse models; also can selectively modulate neuroinflammatory responses associated with pathology progression.

Pathway : MAPK/ERK Signaling

Target : p38 MAPK

Receptor : p38 MAPK

Solubility : —

SMILES : CN1CCN(CC1)C2=NN=C(C(=C2)C3=CC=NC=C3)C4=CC5=CC=CC=C5C=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Roy SM, et al. ACS Chem Neurosci. 2015 Apr 15;6(4):666-80.| 2. Zhou Z, et al. J Neuroinflammation. 2017 Apr 5;14(1):75.