

Product Name : BIX02188

Synonyms : —

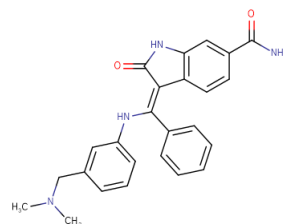
Cat No. : M10367

CAS Number : 1094614-84-2

Molecular Formula : C₂₅H₂₄N₄O₂

Formula Weight : 412.48

Chemical Name : —



Description : BIX02188 is a selective inhibitor of MEK5 with IC₅₀ of 4.3 nM, also inhibits ERK5 catalytic activity with IC₅₀ of 810 nM, and does not inhibit closely related kinases MEK1, MEK2, ERK2, and JNK2.

Pathway : MAPK/ERK Signaling

Target : ERK

Receptor : ERK5; MEK1; MEK2; MEK5; TGFβR1

Solubility : DMSO: 100 mM

SMILES : CN(C)CC1=CC(=CC=C1)N/C(=C/C2=CC(=C(C=C3)C(=O)N)NC2=O)/C4=CC=CC=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Tataké RJ, et al. Biochem Biophys Res Commun, 2008, 377(1), 120-125.