

Product Name : SW-083688

Synonyms : SW083688

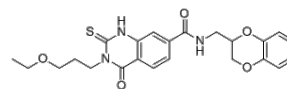
Cat No. : M14437

CAS Number : 422281-45-6

Molecular Formula : C₂₃H₂₅N₃O₅S

Formula Weight : 455.53

Chemical Name : N-((2,3-dihydrobenzo[b][1,4]dioxin-2-yl)methyl)-3-(3-ethoxypropyl)-4-oxo-2-thioxo-1,2,3,4-tetrahydroquinazoline-7-carboxamide



Description : SW-083688 (SW083688) is a potent, highly selective TAOK2 (Thousand-And-One Kinase 2, MAP3K17) inhibitor with IC₅₀ of 1.3 μM; increases the abundance of p62 and inhibits autophagy; TAOK2 is an activator of p38 MAP kinase cascade that is up-regulated in response to environmental stresses, and a potential cancer therapeutic target.

Pathway : MAPK/ERK Signaling

Target : MEK

Receptor : MEK

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Piali AT, et al. Bioorg Med Chem Lett. 2016 Aug 15;26(16):3923-7.