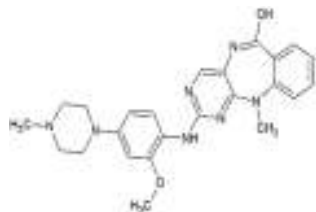


XMD8-87

ALTERNATE NAME: 5,11-Dihydro-2-[[2-methoxy-4-(4-methyl-1-piperazinyl)phenyl]amino]-11-methyl-6H-pyrimido[4,5-b][1,4]benzodiazepin-6-one

CATALOG #: B2647-1 1 mg
B2647-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₇N₇O₂

MOLECULAR WEIGHT: 445.5

CAS NUMBER: 1234480-46-6

APPEARANCE: Off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: >20 mg/ml DMSO

DESCRIPTION: XMD8-87 is a potent Ack1/TNK2 inhibitor (IC₅₀ = 38 and 113 nM in Ba/F3 cell lines containing leukemia-associated D163E and R806Q mutations respectively). XMD8-87 potently inhibits phosphorylation of TNK2 truncation mutations found in solid tumor types.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ACK1, Human Recombinant (P1499)
GNF-7 (B1139)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*