

Product Name : MX106

Synonyms : MX 106

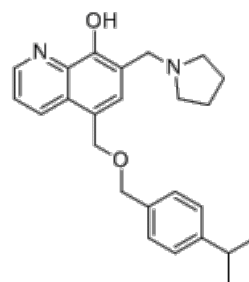
Cat No. : M13467

CAS Number : 2170836-81-2

Molecular Formula : C₂₅H₃₀N₂O₂

Formula Weight : 390.53

Chemical Name : 5-(((4-isopropylbenzyl)oxy)methyl)-7-(pyrrolidin-1-ylmethyl)quinolin-8-ol



Description : MX106 is a novel potent survivin inhibitor, effectively suppresses MDA-MB-231 cells proliferation with IC₅₀ of 2.2 μM; significantly enhances the tumoricidal efficacy of doxorubicin in TNBC cells, induces degradation of XIAP and/or cIAP1, which inhibited NF-κB activation by genotoxic agents.

Pathway : Apoptosis

Target : IAP

Receptor : IAP

Solubility : —

SMILES : OC1=C2N=CC=CC2=C(COCC3=CC=C(C(C)C)C=C3)C=C1CN4CCCC4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wang W, et al. J Pharmacol Exp Ther. 2018 May 7. pii: jpet.118.249151.