

Product Name : MX107

Synonyms : MX 107

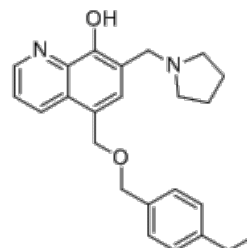
Cat No. : M13464

CAS Number : 2170102-50-6

Molecular Formula : C₂₄H₂₈N₂O₂

Formula Weight : 376.50

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



Description : MX107 is a novel potent survivin inhibitor, effectively suppresses MDA-MB-231 cells proliferation with IC₅₀ of 3.1 uM; 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(CC)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.