

Product Name	: SK-575
Synonyms	: —
Cat No.	: M36290
CAS Number	: 2523016-96-6
Molecular Formula	: C ₄₇ H ₅₃ FN ₈ O ₈
Formula Weight	: 876.97
Chemical Name	: —
Description	: SK-575 is a highly potent and specific proteolysis-targeting chimera (PROTAC) degrader of PARP1, with an IC ₅₀ of 2.30 nM. SK-575 potently inhibits the growth of cancer cells bearing BRCA1/2 mutations.
Pathway	: Cell Cycle/DNA Damage
Target	: PARP
Receptor	: PARP
Solubility	: In Vitro: ?DMSO : 100 mg/mL (114.03 mM; Ultrasonic)
SMILES	: <chem>O=C1NN=C(C(=2C=CC=CC12)CC3=CC=C(F)C(=C3)C(=O)N4CCN(C(=O)CCCCCCCCC(=O)NCCNC5=CC=CC=6C(=O)N(C(=O)C56)C7C(=O)NC(=O)CC7)CC4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Cao C, et al. Discovery of SK-575 as a Highly Potent and Efficacious Proteolysis-Targeting Chimera Degradator of PARP1 for Treating Cancers. J Med Chem. 2020 Oct 8;63(19):11012-11033.?