

Product Name : SNIPER(AR)-51

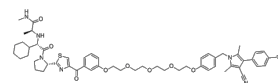
Synonyms : SNIPER AR-51

Cat No. : M13362

CAS Number : 2113688-43-8

Molecular Formula : C₅₅H₆₅N₇O₈S

Formula Weight : 984.23



Chemical Name : (S)-N-(S)-2-((S)-2-(4-(3-(2-(2-(2-(4-((3-cyano-4-(4-cyanophenyl)-2,5-dimethyl-1H-pyrrol-1-yl)methyl)phenoxy)ethoxy)ethoxy)ethoxy)ethoxy)benzoyl)thiazol-2-yl)pyrrolidin-1-yl)-1-cyclohexyl-2-oxoethyl)-2-(methylamino)propanamide

Description : SNIPER(AR)-51 is a specific and nongenetic, protein degradation inducer of androgen receptor, consisting of AR ligand and IAP ligand and linker; induces proteasomal degradation of AR and shows effective protein knockdown activity; inhibits AR-mediated gene expression and proliferation of androgen-dependent prostate cancer cells, and efficiently induces caspase activation and apoptosis in prostate cancer cells.

Pathway : PROTACs

Target : PROTAC

Receptor : PROTAC

Solubility : —

SMILES : C[C@H](NC)C(N[C@@H](C1CCCCC1)C(N2[C@H](C3=NC(C4=CC=CC(OCCOCCOCCOCCOC5=CC=C(CN6C(C)=C(C#N)C(C7=CC=C(C#N)C=C7)=C6C)C=C5)=C4)=O)=CS3)CCC2)=O)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Shibata N, et al. J Med Chem. 2017 Jun 23. doi: 10.1021/acs.jmedchem.7b00168.