

Product Name : SU-11752

Synonyms : SU11752

Cat No. : M15627

CAS Number : 688036-19-3

Molecular Formula : C₂₆H₂₇N₃O₅S

Formula Weight : 493.57

Chemical Name : 5-[[1,2-Dihydro-2-oxo-5-[(phenylamino)sulfonyl]-3H-indol-3-ylidene]methyl]-2,4-diethyl-1H-pyrrole-3-propanoic acid

Description : SU-11752 is a potent, selective inhibitor of DNA-PK, >500-fold selectivity over PI3Ky, inhibits DNA double-strand break repair in cells and sensitizes ionizing radiation in cancer cells.

Pathway : Cell Cycle/DNA Damage

Target : DNA-PK

Receptor : DNA-PK

Solubility : —

SMILES : O=C(O)CCC1=C(CC)NC(/C=C2C(NC3=C1C2C=C(S(=O)(NC4=CC=CC=C4)=O)C=C3)=O)=C1CC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Ismail IH, et al. Oncogene. 2004 Jan 29;23(4):873-82. | 2. Hamor SJ, et al. ChemMedChem. 2017 Jun 21;12(12):895-900.

