

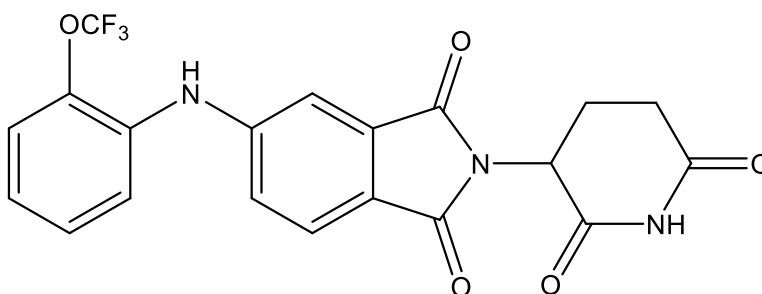
Catalog # 10-3933

SJ6986

CAS# 2765625-93-0

N-[2-(2,6-Dioxopiperidin-3-yl)-1,3-dioxoisindol-5-yl]-2-(trifluoromethoxy)benzenesulfonamide

Lot # FBA9144



SJ6986 is a potent ($IC_{50} = 15$ nM for Cereblon; $EC_{50} = 1.5$ nM for MV4-11 AML cells), selective, and orally bioavailable molecular glue degrader of the small GTPases G1 to S phase transition 1/2 (GSPT1/2).¹ It displayed selectivity for GPST1/2 over 9000 other proteins including the classic cereblon substrates IKZF1 (Ikaros) and IKZF3 (Aiolos). SJ6986 displayed efficacy against acute lymphoblastic leukemia cell lines and xenografts.²

- 1) Nishiguchi *et al.* (2021), *Identification of Potent, Selective, and Orally Bioavailable Small-Molecule GSPT1/2 Degraders from a Focused Library of Cereblon Modulators*; *J. Med. Chem.* **64** 7296
- 2) Chang *et al.* (2023), *The orally bioavailable GSPT1/2 degrader SJ6986 exhibits in vivo efficacy in acute lymphoblastic leukemia*; *Blood* **142** 629

PHYSICAL DATA

Molecular Weight: 433.34
Molecular Formula: $C_{20}H_{14}F_3N_3O_5$
Purity: 98% by HPLC
NMR: (Conforms)
Solubility: DMSO (at least 40 mg/ml)
Physical Description: White solid
Storage and Stability: Store as supplied at $-20^{\circ}C$ for up to 2 years from the date of purchase. Solutions in DMSO may be stored at $-20^{\circ}C$ for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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