

Product Name: SJ 6986

Catalog No.: 7720

Batch No.: 1

CAS Number: 2765625-93-0

IUPAC Name: *N*-(2-(2,6-Dioxopiperidin-3-yl)-1,3-dioxisoindolin-5-yl)-2-(trifluoromethoxy)benzenesulfonamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₀H₁₄F₃N₃O₇S.

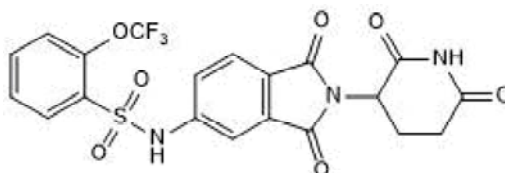
Batch Molecular Weight: 497.4

Physical Appearance: Pale yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.4% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon Hydrogen Nitrogen		
Theoretical	48.3	2.84	8.45
Found	48.26	2.78	8.39

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel: +1 612 379 2956

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Description:

SJ 6986 is a potent and selective GSPT1/2 molecular glue degrader (EC₅₀ values are 0.4 nM, 1.5 nM, 336 nM, 726 nM and 3583 nM in MHH-CALL-4, MV4-11, MB004, MB002 and HD-MB03 cell lines, respectively). In vivo, SJ 6986 is stable in mouse (t_{1/2} = 4.7 h). This product is orally bioavailable.

Physical and Chemical Properties:

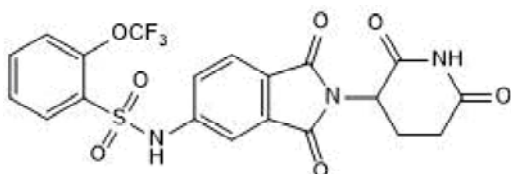
Batch Molecular Formula: C₂₀H₁₄F₃N₃O₇S.

Batch Molecular Weight: 497.4

Physical Appearance: Pale yellow solid

Minimum Purity: ≥98%

Batch Molecular Structure:



References:

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. PMID: 34042448.

Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold under license from St. Jude Children's Research Hospital.

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info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

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Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

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Tel:+1 612 379 2956