

Product Datasheet

BMS-986463

Catalog No. **BP-02278** · CAS **3025467-07-3** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

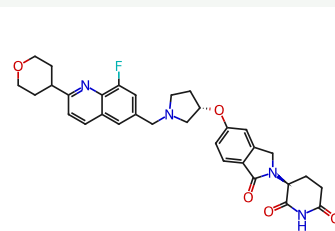
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Target Molecular Glues; Wee1	Research area Inflammation/Immunology; Cancer
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Molecular formula **C₃₂H₃₃FN₄O₅**

Molecular weight **572.6266**

STRUCTURE



DESCRIPTION

BMS-986463, a CRBN E3 ligase modulator (CELMoD), is a WEE1 kinase molecular glue degrader. BMS-986463 significantly inhibits tumor regression and reduces the level of phospho-CDK2. BMS-986463 can be used for advanced malignant solid tumors like non-small cell lung cancer (NSCLC) research.

BIOLOGICAL ACTIVITY

In Vitro

The WEE1 tyrosine kinase is an essential cell cycle regulator whose primary role is to inhibit cell cycle progression during the S and G2/M phases to prevent mitotic division of cells with DNA damage

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 2 mg/mL

REFERENCES

[1]. Jennifer R, et al. Discovery of a first-in-class molecular glue degrader of WEE1 kinase, BMS-986463, for the treatment of advanced malignant solid tumors. ACS. 2025 Aug 20.