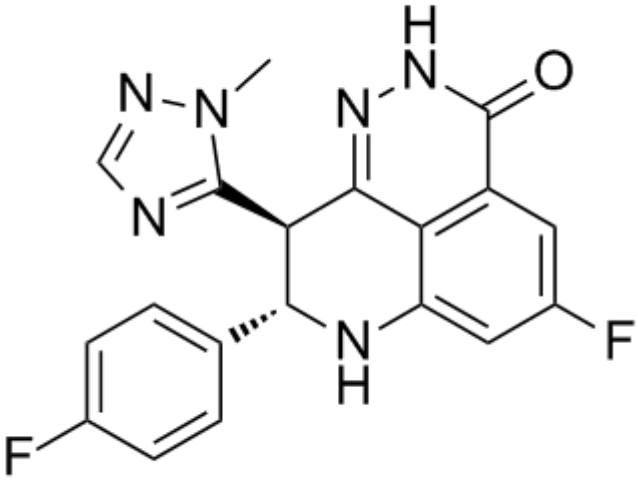
BMN673

Catalog No. A11243



BMN-673 is an orally bioavailable inhibitor of the nuclear enzyme poly(ADP-ribose) polymerase (PARP) with potential antineoplastic activity.

Product Citations

- Charles-André Philip, .et al. Inhibition of PI3K-AKT-mTOR pathway sensitizes endometrial cancer cell lines to PARP inhibitors, BMC Cancer, 2017, 17: 638 PMID: 28886696
  (https://www.ncbi.nlm.nih.gov/pubmed/28886696)

Technical details

CATALOG NUM	A11243
M. WT	380.35
FORMULA	C19H14F2N6O
PURITY	>98%
STORAGE	at -20 °C 3 years (powder form); at -20 °C 6 months (Solution base)

CAS NO.	1207456-01-6
SYNONYMS	BMN-673, BMN 673
SMILES	CN1C(=NC=N1)[C@@H]2[C@H](N=C3C=C(C=C4C3=C2NNC4=O)F)C5=CC=C(C=C5)F

Biological Activity

BMN-673 is an orally bioavailable inhibitor of the nuclear enzyme poly(ADP-ribose) polymerase (PARP) with potential antineoplastic activity.

Targets

PARP (Cell-free assay)				
0.58 nM				

Solubility *

In vitro	DMSO	Warmed: 38 mg/mL (99.9 mM)
	Water	Insoluble
	Ethanol	Insoluble

*<1 mg/ml means slightly soluble or insoluble.
*Please note that Adooq tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.

Preparing Stock Solutions

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
0.1 mM	26.29 mL	131.46 mL	262.92 mL
0.5 mM	5.26 mL	26.29 mL	52.58 mL
1 mM	2.63 mL	13.15 mL	26.29 mL
5 mM	0.53 mL	2.63 mL	5.26 mL

*The above data is based on the productmolecular weight 380.35. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

Contact information

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Adooq Quality Guarantee

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