Product data sheet

MedKoo Cat#: 406788	
Name: NVP-BVU972	
CAS: 1185763-69-2	
Chemical Formula: $C_{20}H_{16}N_6$	
Exact Mass: 340.1436	
Molecular Weight: 340.39	
Product supplied as:	Powder
Purity (by HPLC):	$\geq 98\%$
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years.
	In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

NVP-BVU972, also known as BVN-972, is a selective and potent inhibitor of c-Met with IC50 of 14 nM. BVN-972 displays IC50 values more than 1000 nM in other kinases such as the most closely related kinase recepteur d'origine nantais (RON).

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under "QC And Documents" section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	84.0	246.78
Ethanol	68.0	200.0

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.94 mL	14.69 mL	29.38 mL
5 mM	0.59 mL	2.94 mL	5.88 mL
10 mM	0.29 mL	1.47 mL	2.94 mL
50 mM	0.06 mL	0.29 mL	0.59 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of "Calculator"

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

NVP-BVU972 is an selective and potent Met inhibitor, with an IC_{50} of 14 nM.

In vitro activity

TBD

In vivo activity

TBD

Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.