

# Product data sheet



MedKoo Cat#: 206106 Name: BMS-794833 CAS#: 1174046-72-0 Chemical Formula: C <sub>23</sub> H <sub>15</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>3</sub> Exact Mass: 468.08007 Molecular Weight: 468.84		
Product supplied as:	Powder	
Purity (by HPLC):	≥ 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:

BMS-794833 is a potent ATP competitive inhibitor of Met/VEGFR2 with IC<sub>50</sub> of 1.7 nM/15 nM. BMS-794833 also inhibits Ron (Met family), Axl (phylogenetically related Axl/Tyro3/Mer subfamily) and Flt-3 with IC<sub>50</sub> values less than 3 nM. The compound was selective versus a panel of greater than 200 additional receptor tyrosine kinase (RTKs), non-RTKs and serine/threonine kinases based on biochemical or Ambit binding assays. Moreover, it inhibited the cell growth in GTL-16 gastric carcinomas with an IC<sub>50</sub> of 39 nM. In vivo, BMS-794833 exhibited dose-dependent anti-tumor activity against multiple tumor types without overt toxicities at efficacious dose levels.

## 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	70.33	150.01
DMF	17.0	36.26

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.13 mL	10.66 mL	21.33 mL
5 mM	0.43 mL	2.13 mL	4.27 mL
10 mM	0.21 mL	1.07 mL	2.13 mL
50 mM	0.04 mL	0.21 mL	0.43 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

N/A

In vivo study

N/A

## 7. Bioactivity

Biological target:

BMS-794833 is a VEGFR2 and Met inhibitor that has IC<sub>50</sub>s of 15 and 1.7 nM, respectively.

In vitro activity

N/A

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In vivo activity

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N/A

*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.*