

Product data sheet



MedKoo Cat#: 406754 Name: ACC-789 CAS#: 300842-64-2 Chemical Formula: C ₂₁ H ₁₇ BrN ₄ Exact Mass: 404.0637 Molecular Weight: 405.299	
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:

ACC-789, also known as NVP-ACC789 and ZK-202650, is a potent, selective and orally active inhibitor of the VEGF receptor tyrosine kinases with potential anticancer activity.

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	13.0	32.08
DMF	0.5	1.23
DMF:PBS (pH 7) (1:10)	0.09	0.22
Ethanol	0.2	0.49

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.47 mL	12.34 mL	24.67 mL
5 mM	0.49 mL	2.47 mL	4.93 mL
10 mM	0.25 mL	1.23 mL	2.47 mL
50 mM	0.05 mL	0.25 mL	0.49 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:

NVP-ACC789 is an inhibitor of human VEGFR-1, VEGFR-2 (mouse VEGFR-2), VEGFR-3 and PDGFR-β with IC₅₀s of 0.38, 0.02 (0.23), 0.18, 1.4 μM, respectively.

In vitro activity

N/A

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In vivo activity

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.