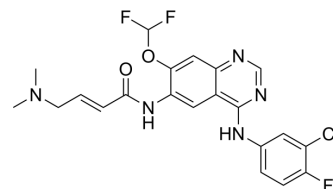


Mefatinib free base

Cat. No.:	HY-152852		
CAS No.:	1639014-72-4		
Molecular Formula:	C ₂₁ H ₁₉ ClF ₃ N ₅ O ₂		
Molecular Weight:	465.86		
Target:	c-Met/HGFR		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (107.33 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.1466 mL	10.7328 mL	21.4657 mL
	5 mM		0.4293 mL	2.1466 mL	4.2931 mL
	10 mM		0.2147 mL	1.0733 mL	2.1466 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Mefatinib free base is a potent tyrosine kinase inhibitor with antineoplastic activity^[1].

REFERENCES

[1]. WHO Drug Information-World Health Organization (WHO).

Caution: Product has not been fully validated for medical applications. For research use only.

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