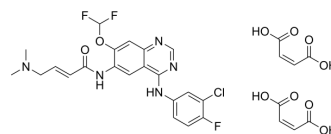


Mefatinib

| | |
|--------------------|--|
| Cat. No.: | HY-152852A |
| CAS No.: | 1989592-50-8 |
| Molecular Formula: | C ₂₉ H ₂₇ ClF ₃ N ₅ O ₁₀ |
| Molecular Weight: | 698 |
| Target: | c-Met/HGFR |
| Pathway: | Protein Tyrosine Kinase/RTK |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (143.27 mM; Need ultrasonic)

| Solvent | Mass | Concentration | | |
|---------------------------|-------|---------------|-----------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 1.4327 mL | 7.1633 mL | 14.3266 mL |
| | 5 mM | 0.2865 mL | 1.4327 mL | 2.8653 mL |
| | 10 mM | 0.1433 mL | 0.7163 mL | 1.4327 mL |

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

BIOLOGICAL ACTIVITY

Description

Mefatinib 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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