BAY 2476568

Cat. No.: HY-134877

CAS No.: 2311901-93-4

Molecular Formula: $C_{24}H_{27}FN_4O_4$

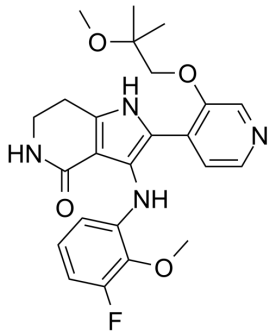
Molecular Weight: 454.49

Target: EGFR

Pathway: JAK/STAT Signaling; 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 : 100 mg/mL (220.03 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	2.2003 mL	11.0013 mL	22.0027 mL
5 mM	0.4401 mL	2.2003 mL	4.4005 mL
10 mM	0.2200 mL	1.1001 mL	2.2003 mL

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

BIOLOGICAL ACTIVITY

Description

BAY 2476568 is a potent and selective EGFR inhibitor, with IC_{50}s of < 0.2 nM for wild-type EGFR and several mutations (EGFRR ex20insSVD, EGFRR ex20insASV, EGFRR ex20insNPG)[1].

REFERENCES

[1]. Stephan Siegel, et al. 4h-pyrrolo[3,2-c]pyridin-4-one derivatives. WO2019081486A1.

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

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