

BIBF 1202

Chemical Properties

CAS No.:	894783-71-2
Formula:	C ₃₀ H ₃₁ N ₅ O ₄
Molecular Weight:	525.6
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	BIBF 1202 is a VEGFR2 kinase inhibitor (IC ₅₀ : 62 nM).
In vitro	The major metabolic pathway for BIBF 1120 is methyl ester cleavage to BIBF 1202. Then, the free carboxyl group of BIBF 1202 is glucuronidated to 1-O-acyl glucuronide [2].

Solubility Information

Solubility	DMSO: 40mg/mL(76.1 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.903 mL	9.513 mL	19.026 mL
5 mM	0.381 mL	1.903 mL	3.805 mL
10 mM	0.19 mL	0.951 mL	1.903 mL
50 mM	0.038 mL	0.19 mL	0.381 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Hilberg F, et al. BIBF 1120: triple angiokinase inhibitor with sustained receptor blockade and good antitumorefficacy. Cancer Res. 2008 Jun 15;68(12):4774-82.
2. Stopfer P, et al. Pharmacokinetics and metabolism of BIBF 1120 after oral dosing to healthy male volunteers. Xenobiotica. 2011 Apr;41(4):297-311.

Inhibitors · Natural Compounds · Compound Libraries

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