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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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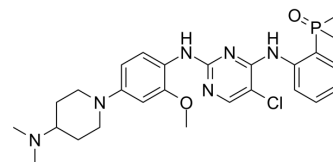
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ALK-IN-1

Cat. No.:	HY-13464
CAS No.:	1197958-12-5
Molecular Formula:	C ₂₆ H ₃₄ ClN ₆ O ₂ P
Molecular Weight:	529.01
Target:	Anaplastic lymphoma kinase (ALK)
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (94.52 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.8903 mL	9.4516 mL	18.9032 mL
	5 mM		0.3781 mL	1.8903 mL	3.7806 mL
	10 mM		0.1890 mL	0.9452 mL	1.8903 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (4.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (4.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.73 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

ALK-IN-1 (Brigatinib analog) is a highly efficient and selective inhibitor of ALK kinase, derived from patent US20140066406 A1.

CUSTOMER VALIDATION

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- Harvard Medical School LINCS LIBRARY

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Sen Zhang, Frank Wang, Jeffrey Keats, Abstract LB-298: AP26113, a potent ALK inhibitor, overcomes mutations in EML4-ALK that confer resistance to PF-02341066 (PF1066). Cancer Research: April 15, 2010; Volume 70, Issue 8, Supplement 1

[2]. Victor M. Rivera, Frank Wang, Rana Anjum, Abstract 1794: AP26113 is a dual ALK/EGFR inhibitor: Characterization against EGFR T790M in cell and mouse models of NSCLC. Cancer Research: April 15, 2012; Volume 72, Issue 8, Supplement 1

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

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