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Produktinformation



Forschungsprodukte & Biochemikalien



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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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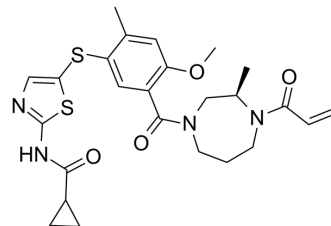
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Soquelitinib

Cat. No.:	HY-150298		
CAS No.:	2226636-04-8		
Molecular Formula:	C ₂₅ H ₃₀ N ₄ O ₄ S ₂		
Molecular Weight:	514.66		
Target:	Itk		
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 : ≥ 100 mg/mL (194.30 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9430 mL	9.7152 mL	19.4303 mL
	5 mM	0.3886 mL	1.9430 mL	3.8861 mL
	10 mM	0.1943 mL	0.9715 mL	1.9430 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: ≥ 10 mg/mL (19.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 10 mg/mL (19.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 10 mg/mL (19.43 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Soquelitinib (CPI-818) is a highly selective covalent ITK inhibitor. Soquelitinib decreases DNA replication and cell cycle signaling^[1].

REFERENCES

[1]. Ding N, et al. Dynamic Single-Cell Profiling Reveals Novel Immune Regulatory Mechanism of ITK Inhibitor Soquelitinib in Refractory T Cell Lymphoma [J]. Blood, 2023, 142: 1442.

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

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