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Part of Europa Biosite

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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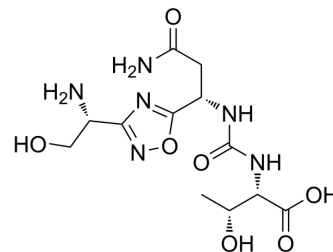
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CA-170

Cat. No.:	HY-101093		
CAS No.:	1673534-76-3		
Molecular Formula:	C ₁₂ H ₂₀ N ₆ O ₇		
Molecular Weight:	360.32		
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 : 28.5 mg/mL (79.10 mM; Need ultrasonic and warming)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.7753 mL	13.8766 mL	27.7531 mL
		5 mM		0.5551 mL	2.7753 mL	5.5506 mL
		10 mM		0.2775 mL	1.3877 mL	2.7753 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 5% DMSO >> 40% PEG300 >> 5% Tween-80 >> 50% saline Solubility: ≥ 2.5 mg/mL (6.94 mM); Clear solution					
	2. Add each solvent one by one: 5% DMSO >> 95% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.94 mM); Clear solution					
	3. Add each solvent one by one: 1% DMSO >> 99% saline Solubility: ≥ 0.5 mg/mL (1.39 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	CA-170 is an orally delivered dual inhibitor of VISTA and PD-L1. CA-170 exhibits potent rescue of proliferation and effector functions of T cells inhibited by PD-L1/L2 and VISTA with selectivity over other immune checkpoint proteins as well as a broad panel of receptors and enzymes ^{[1][2]} .
IC ₅₀ & Target	PD-1 ^[1]
In Vitro	CA-170 exhibits potent functional activity in rescuing T-cell proliferation and effector functions, while showing selectivity against other immune checkpoint proteins as well as in a broad panel of receptors and enzymes ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Molecules. 2019 Aug 1;24(15):2804.

See more customer validations on www.MedChemExpress.com

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

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