



SZABO SCANDIC

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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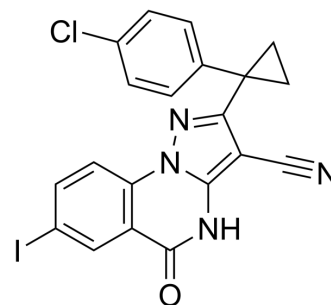
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Dynapyrazole-A

Cat. No.:	HY-131873
CAS No.:	2226517-75-3
Molecular Formula:	C ₂₀ H ₁₂ ClIN ₄ O
Molecular Weight:	486.69
Target:	Dynamin
Pathway:	Cytoskeleton
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 : 25 mg/mL (51.37 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.0547 mL	10.2735 mL	20.5470 mL
		5 mM		0.4109 mL	2.0547 mL	4.1094 mL
		10 mM		0.2055 mL	1.0273 mL	2.0547 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.14 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.14 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Dynapyrazole A is a specific inhibitor of microtubule dynamin that specifically inhibits the ATPase activity of microtubule-stimulated dynamin without blocking microtubule-independent basal activity ^[1] .
In Vitro	Dynapyrazole A (1- 3 µg/mL, 14 h) reduces viral titers in MA-104 cells infected with RVA-NMTL virus in a dose-dependent manner with an EC ₅₀ value of 0.73 µg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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