SZABO SCANDIC

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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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Zelasudil

Cat. No.: HY-148808

CAS No.: 2365193-22-0

Molecular Formula: $C_{22}H_{21}F_2N_7O$

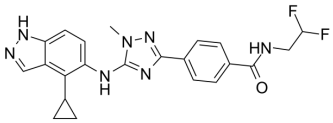
Molecular Weight: 437.45

Target: ROCK

Pathway: Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad

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 (228.60 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	2.2860 mL	11.4299 mL	22.8598 mL
5 mM	0.4572 mL	2.2860 mL	4.5720 mL
10 mM	0.2286 mL	1.1430 mL	2.2860 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 (5.71 mM); Clear solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: 2.5 mg/mL (5.71 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Zelasudil is a Rho-associated (ROCK) kinase inhibitor. Zelasudil has a ROCK2 binding affinity[1][2].

REFERENCES

[1]. Lee E, et al. Selective ROCK2 inhibition for treatment of edema and associated conditions: World Intellectual Property Organization, WO2022169946. 2022-08-11.

[2]. WHO Drug Information-World Health Organization (WHO).

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

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