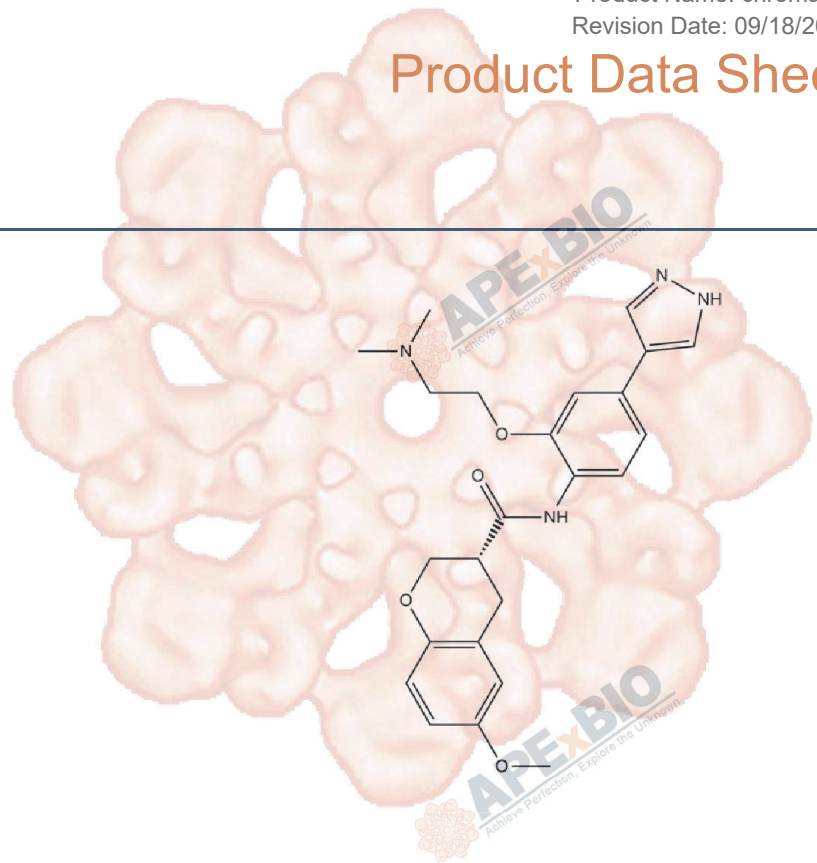


Product Data Sheet

chroman 1

Cat. No.:	A3310
CAS No.:	1273579-40-0
Formula:	C ₂₄ H ₂₈ N ₄ O ₄
M.Wt:	436.5
Synonyms:	ROCK-II inhibitor
Target:	TGF- β / Smad Signaling
Pathway:	ROCK
Storage:	Store at -20°C



Solvent & Solubility

≥50.3 mg/mL in DMSO; ≥3.81 mg/mL in EtOH with ultrasonic; insoluble in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.2910 mL	11.4548 mL	22.9095 mL
		5 mM	0.4582 mL	2.2910 mL	4.5819 mL
		10 mM	0.2291 mL	1.1455 mL	2.2910 mL

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

Biological Activity

Shortsummary: ROCK II inhibitor, highly potent and selective

IC₅₀ & Target:

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Kümper S, Mardakheh FK, et al. "Rho-associated kinase (ROCK) function is essential for cell cycle progression, senescence and tumorigenesis." Elife. 2016Jan 14;5. pii: e12203.PMID:26765561

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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