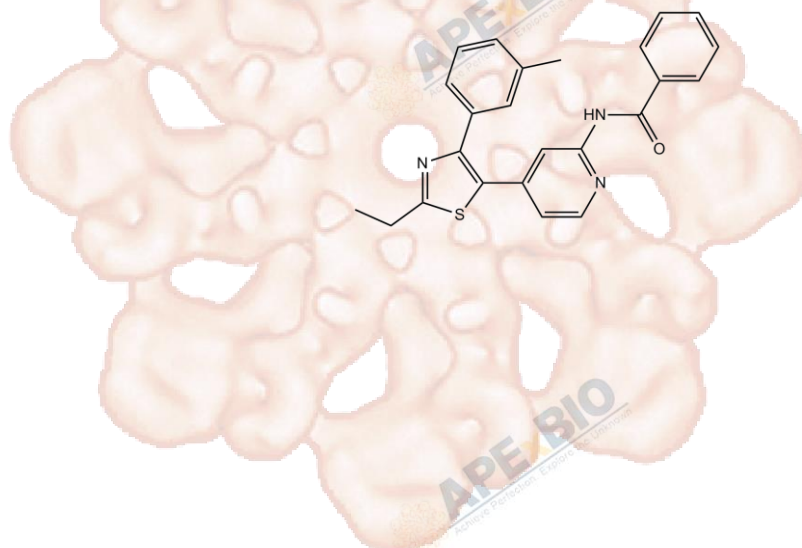


Product Data Sheet

TAK-715

Cat. No.: A8688
CAS No.: 303162-79-0
Formula: C₂₄H₂₁N₃O₃
M.Wt: 399.52
Synonyms:
Target: MAPK Signaling
Pathway: p38
Storage: Store at -20°C



Solvent & Solubility

≥40 mg/mL in DMSO; insoluble in H₂O; ≥12.13 mg/mL in EtOH with ultrasonic

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.5030 mL	12.5150 mL	25.0300 mL
		5 mM	0.5006 mL	2.5030 mL	5.0060 mL
		10 mM	0.2503 mL	1.2515 mL	2.5030 mL

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

Biological Activity

Shortsummary

p38 MAPK inhibitor

IC₅₀ & Target

7.1 nM (p38α), 0.20 μM (p38β)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

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 APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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.

APEx BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

