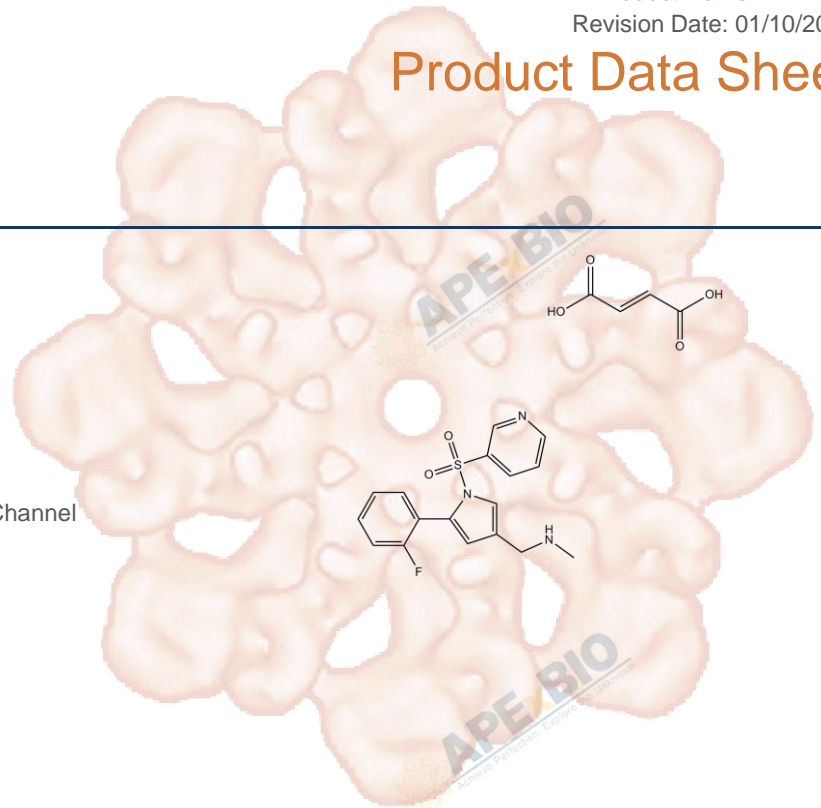


Product Data Sheet

TAK-438

Cat. No.:	A2308
CAS No.:	1260141-27-2
Formula:	C ₁₇ H ₁₆ FN ₃ O ₂ S·C ₄ H ₄ O ₄
M.Wt:	461.46
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	ATPase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥18.9 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.1670 mL	10.8352 mL	21.6704 mL
	5 mM	0.4334 mL	2.1670 mL	4.3341 mL
	10 mM	0.2167 mL	1.0835 mL	2.1670 mL

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

Biological Activity

Shortsummary: Blocker of potassium-competitive acid

IC₅₀ & Target: 19 nM (H,K-ATPase)

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.

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