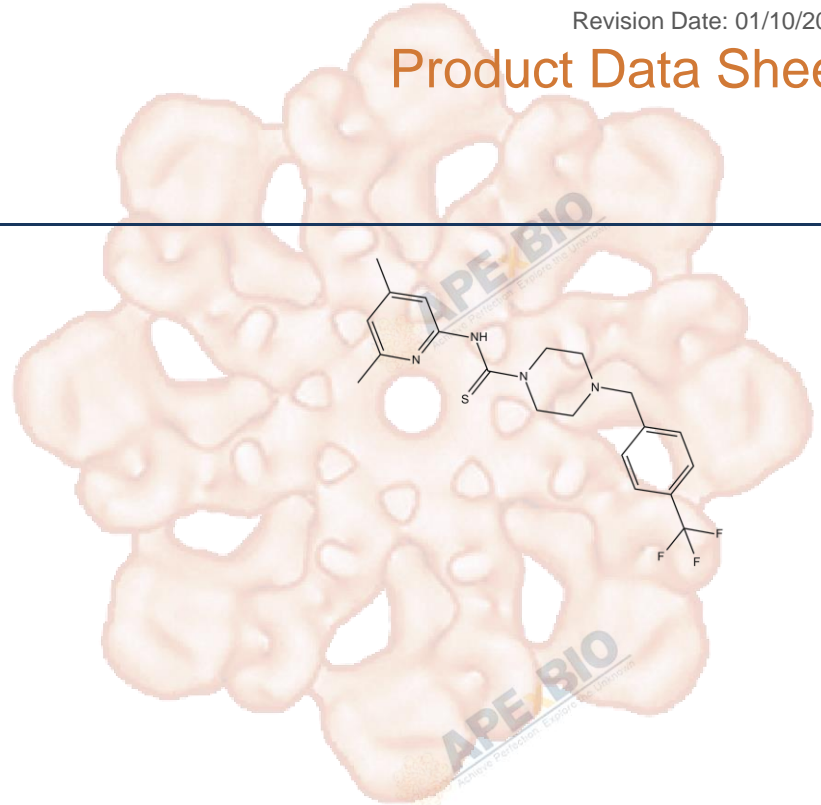


Product Data Sheet

NCT-503

Cat. No.:	C3853
CAS No.:	1916571-90-8
Formula:	C ₂₀ H ₂₃ F ₃ N ₄ S
M.Wt:	408.5
Synonyms:	
Target:	Metabolism
Pathway:	Dehydrogenase
Storage:	Store at -20°C



Solvent & Solubility

≥40.9 mg/mL in DMSO; insoluble in H₂O; ≥20.33 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	2.4480 mL	12.2399 mL	24.4798 mL
	5 mM	0.4896 mL	2.4480 mL	4.8960 mL
	10 mM	0.2448 mL	1.2240 mL	2.4480 mL

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

Biological Activity

Shortsummary 3-phosphoglycerate dehydrogenase (PHGDH) inhibitor

IC₅₀ & Target

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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