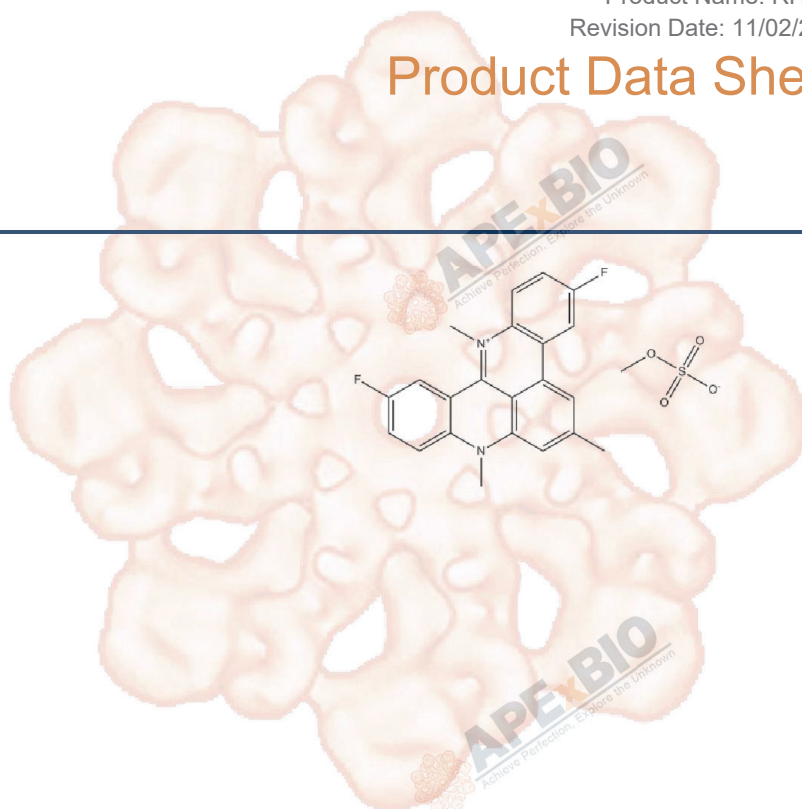


Product Data Sheet

RHPS4

Cat. No.:	B6186
CAS No.:	390362-78-4
Formula:	C ₂₃ H ₂₀ F ₂ N ₂ O ₄ S
M.Wt:	458.48
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Telomerase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 10.54 mg/mL in DMSO; ≥ 2.51 mg/mL in H₂O with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.1811 mL	10.9056 mL	21.8112 mL
		5 mM	0.4362 mL	2.1811 mL	4.3622 mL
		10 mM	0.2181 mL	1.0906 mL	2.1811 mL

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

Biological Activity

Shortsummary	Telomerase inhibitor	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. SugeZhang, HongxiaSun, et al. "Evaluation of the selectivity of G-quadruplex ligands in living cells with a small molecule fluorescent probe." Analytica Chimica Acta: X. Available online 23 April 2019, 100017.

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. 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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