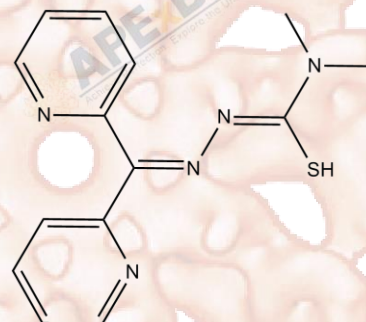


Product Data Sheet

Dp44mT

Cat. No.:	B6021
CAS No.:	152095-12-0
Formula:	C ₁₄ H ₁₅ N ₅ S
M.Wt:	285.37
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

≥62.5 mg/mL in DMSO; insoluble in H₂O; ≥22.95 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.5042 mL	17.5211 mL	35.0422 mL
		5 mM	0.7008 mL	3.5042 mL	7.0084 mL
		10 mM	0.3504 mL	1.7521 mL	3.5042 mL

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

Biological Activity

Shortsummary

iron chelator and anticancer agent

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.

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

