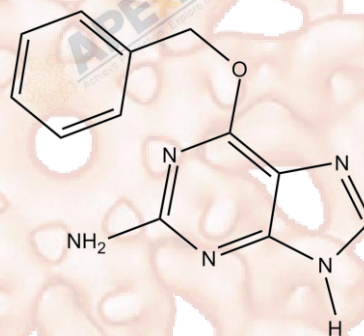


Product Data Sheet

O6-Benzylguanine

Cat. No.:	B5974
CAS No.:	19916-73-5
Formula:	C ₁₂ H ₁₁ N ₅ O
M.Wt:	241.2
Synonyms:	
Target:	Others
Pathway:	MGMT
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 11.3 mg/mL in EtOH with gentle warming; ≥ 56.2 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	4.1459 mL	20.7297 mL	41.4594 mL
		5 mM	0.8292 mL	4.1459 mL	8.2919 mL
		10 mM	0.4146 mL	2.0730 mL	4.1459 mL

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

Biological Activity

Shortsummary

Potent MGMT 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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