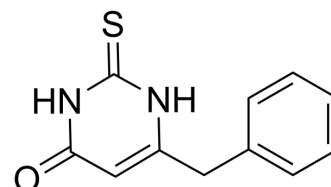


Benzylthiouracil

Cat. No.:	HY-W069177		
CAS No.:	6336-50-1		
Molecular Formula:	C ₁₁ H ₁₀ N ₂ OS		
Molecular Weight:	218.27		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (916.30 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.5815 mL	22.9074 mL	45.8148 mL
	5 mM		0.9163 mL	4.5815 mL	9.1630 mL
	10 mM		0.4581 mL	2.2907 mL	4.5815 mL

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

BIOLOGICAL ACTIVITY

Description

Benzylthiouracil is an active pharmaceutical ingredient against hyperthyroidism^[1].

REFERENCES

[1]. Rietveld IB, et al. Polymorphism of benzylthiouracil, an active pharmaceutical ingredient against hyperthyroidism. Int J Pharm. 2021;598:120378.

Caution: Product has not been fully validated for medical applications. For research use only.

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