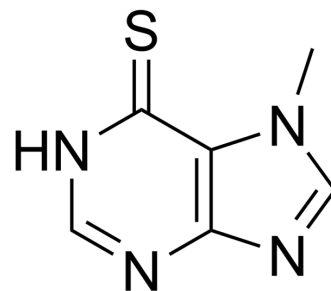


7-Methyl-6-mercaptopurine

Cat. No.:	HY-134062
CAS No.:	3324-79-6
Molecular Formula:	C ₆ H ₆ N ₄ S
Molecular Weight:	166.2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	7-Methyl-6-mercaptopurine (Compound 4) is a purine derivative and a substrate for thiopurine methyltransferase (TPMT) with K_m and V_{max} values of 231 μ M and 2340 U/mg protein, respectively ^[1] .
IC ₅₀ & Target	purine derivative, thiopurine methyltransferase (TPMT)

REFERENCES

[1]. Deininger M, et al. Purine substrates for human thiopurine methyltransferase. *Biochem Pharmacol.* 1994;48(11):2135-2138.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA