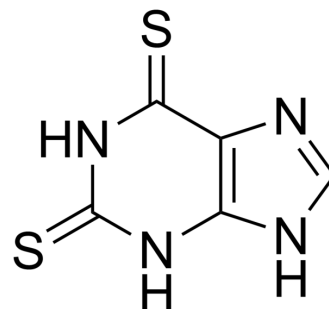


2,6-Dithiopurine

Cat. No.:	HY-W016286
CAS No.:	5437-25-2
Molecular Formula:	C ₅ H ₄ N ₄ S ₂
Molecular Weight:	184.24
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description 2,6-Dithiopurine (2,6-Dimercaptopurine) is a nucleophilic scavenger for electrophilic carcinogens. 2,6-Dithiopurine abolishes both DNA adduct formation and the initiation of carcinogenesis^[1].

REFERENCES

[1]. Stephen Boulware, et al. 2,6-Dithiopurine, a nucleophilic scavenger, protects against mutagenesis in mouse skin treated in vivo with 2-(chloroethyl) ethyl sulfide, a mustard gas analog. *Toxicol Appl Pharmacol.* 2012 Sep 1;263(2):203-9.

[2]. Stephen Boulware, et al. 2,6-Dithiopurine, a nucleophilic scavenger, protects against mutagenesis in mouse skin treated in vivo with 2-(chloroethyl) ethyl sulfide, a mustard gas analog. *Toxicol Appl Pharmacol.* 2012 Sep 1;263(2):203-9.

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

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