

# 6-n-Amylmercaptapurine

**Other names:** 1H-Purine, 6-(pentylthio)-; 6-(Pentylthio)purine; 6-(pentylthio)-1H-purine; 6-Amyl-mp; 6-Amylmercaptapurine; Purine, 6-(pentylthio)-.

**InChI:** InChI=1S/C10H14N4S/c1-2-3-4-5-15-10-8-9(12-6-11-8)13-7-14-10/h6-7H,2-5H2,1H3,(H,11,12,13,14)

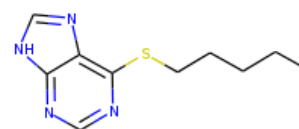
**InChI Key:** UDXMVJZRHSMP EJ-UHFFFAOYSA-N

**Formula:** C<sub>10</sub>H<sub>14</sub>N<sub>4</sub>S

**SMILES:** CCCCCSc1ncnc2[nH]cnc21

**Molecular Weight:** 222.31

**CAS:** 5443-89-0



## Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	2.635		Crippen Method

## Sources

**NIST Webbook:** [http://webbook.nist.gov/cgi/inchi/InChI=1S/C10H14N4S/c1-2-3-4-5-15-10-8-9\(12-6-11-8\)13-7-14-10/h6-7H,2-5H2,1H3,\(H,11,12,13,14\)](http://webbook.nist.gov/cgi/inchi/InChI=1S/C10H14N4S/c1-2-3-4-5-15-10-8-9(12-6-11-8)13-7-14-10/h6-7H,2-5H2,1H3,(H,11,12,13,14))

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

$\log P_{\text{oct/wat}}$ : Octanol/Water partition coefficient .

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