

Metamitron

Other names: 1,2,4-Triazin-5(4H)-one, 4-amino-3-methyl-6-phenyl-;
3-Methyl-4-amino-6-phenyl-1,2,4-triazin(4H)-one;
4-Amino-3-methyl-6-phenyl-1,2,4-triazin-5(4H)-one;
4-Amino-3-methyl-6-phenyl-1,2,4-triazin-5-one; BAY-DRW 1139; DRW 1139; Goltix; Herbrak; Metamiton; Methiamitron; as-Triazin-5(4H)-one, 4-amino-3-methyl-6-phenyl-.

InChI: InChI=1S/C10H10N4O/c1-7-12-13-9(10(15)14(7)11)8-5-3-2-4-6-8/h2-6H,11H2,1H3

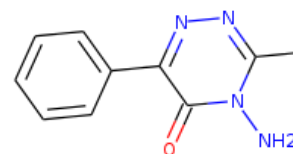
InChI Key: VHCNQEUWZYOA-EV-UHFFFAOYSA-N

Formula: C₁₀H₁₀N₄O

SMILES: Cc1nnc(-c2ccccc2)c(=O)n1N

Molecular Weight: 202.21

CAS: 41394-05-2



Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	0.33		Crippen Method

Sources

NIST Webbook: [http://webbook.nist.gov/cgi/inchi/InChI=1S/C10H10N4O/c1-7-12-13-9\(10\(15\)14\(7\)11\)8-5-3-2-4-6-8/h2-6H,11H2,1H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C10H10N4O/c1-7-12-13-9(10(15)14(7)11)8-5-3-2-4-6-8/h2-6H,11H2,1H3)

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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