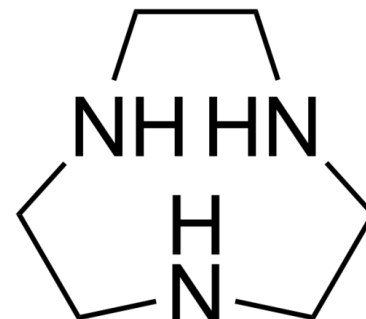


Data Sheet

Product Name:	1,4,7-Triazonane
Cat. No.:	CS-W006212
CAS No.:	4730-54-5
Molecular Formula:	C ₆ H ₁₅ N ₃
Molecular Weight:	129.20
Target:	Biochemical Assay Reagents
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

1,4,7-Triazonane (1,4,7-Triazacyclononane), an intermediate in the synthesis of 1,4,7-trifunctionalized derivatives, is a possible reagent for compleximetric titrations with high cation-binding selectivity^{[1][2]}. *In Vitro*: 1,4,7-Triazonane is an intermediate in the synthesis of 1,4,7-trifunctionalized derivatives that have applications in metal complexation^[2].

References:

[1]. Nonat A, et, al. Structural and photophysical studies of highly stable lanthanide complexes of tripodal 8-hydroxyquinolate ligands based on 1,4,7-triazacyclononane. *Inorg Chem.* 2009 May 4;48(9):4207-18.

[2]. Guo JF, et, al. trans-[Os(III)(salen)(CN)(2)](-): a new paramagnetic building block for the construction of molecule-based magnetic materials. *Inorg Chem.* 2010 Feb 15;49(4):1607-14.

CAIndexNames:

1H-1,4,7-Triazonine, octahydro-

SMILES:

C1CNCCNCCN1

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

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