
Product Data Sheet

Product Name: 1,4,7-Triazonane

Cat. No.: GC64247

Chemical Properties

Cas. No. 4730-54-5

Formula C₆H₁₅N₃

M.Wt 129.2

Solubility DMSO : 100 mg/mL (773.99 mM; Need ultrasonic)

Storage 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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].

1,4,7-Triazonane is an intermediate in the synthesis of 1,4,7-trifunctionalized derivatives that have applications in metal complexation[2].

[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.

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

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