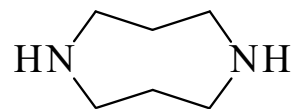




>>Entry Name: 1,5-Diazacyclooctane

Synonym(s): Octahydro-1,5-diazocine, 9Cl



CAS Registry Number: 5687-07-0

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

>>Derivative: Hydrochloride (1:2)

Melting Point: Mp 244-245°

>>Derivative: 1,5-Bis(4-methylbenzenesulfonyl)

Melting Point: Mp 214-215°

>>Derivative: 1,5-Bis(*p*-nitrophenyl)

Melting Point: Mp 134°

References:

Fischer, A. *et al.*, *J.C.S.(B)*, 1969, 544, (*synth, uv*)

Börjesson, L. *et al.*, *Acta Chem. Scand.*, 1991, **45**, 621, (*synth, pmr*)