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## Typical Product Specifications & Properties

# Cefotiam

CAS Number: : 61622-34-2

Specifications	Limits
Molecular weight	525.63
SMILES	<chem>CN(C)CCn1nnnc1SCC2=C(N3[C@H](SC2)[C@H](NC(=O)Cc4csc(N)n4)C3=O)C(=O)O</chem>
InChI	QYQDKDWGWDOFFU-IUODEOHRSA-N
InChIKey	1S/C18H23N9O4S3/c1-25(2)3-4-26-18(22-23-24-26)34-7-9-6-32-15-12(14(29)27(15)13(9)16(30)31)21-11(28)5-10-8-33-17(19)20-10/h8,12,15H,3-7H2,1-2H3,(H2,19,20)(H,21,28)(H,30,31)/t12-,15-/m1/s1
Flash Point	>110&deg;(230&deg;F)
Boiling Point	843?
Water solubility	Soluble
RTECS	XI0366000
Atmospheric OH Rate Constant	2.09E-10 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	-1.400

