CD BioGlyco

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Product Information

Guanidine thiocyanate

Cat. No.: X24-08-LY050

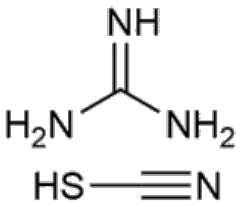
Size: 50 mg; 100 mg; 250 mg; 500 mg

CAS Number: 593-84-0

Compound CID: 65046

Synonym: 593-84-0; Guanidinium rhodanide

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Guanidine thiocyanate is an important reagent for nucleic acid extraction.
Molecular Weight	118.16
Molecular Formula	$CH_5N_3 \cdot HSCN$
IUPAC Name	Guanidine; Thiocyanic acid
InChI	InChI=1S/CH5N3.CHNS/c2-1(3)4;2-1-3/h(H5,2,3,4);3H
InChI Key	ZJYYHGLJYGJLLN-UHFFFAOYSA-N
Canonical SMILES	C(#N)S.C(=N)(N)N
Form	White crystalline powder
Purity	≥99.5%, determined by HPLC.
Applications	Guanidine thiocyanate is commonly used as a denaturant for cleavage and isolation of DNA and RNA.
Storage	Store at 4°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask

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