



Product Information

Spermine

Cat. No.: XGB802

Size: 5 g; 25 g

MDL: MFCD00008215

CAS Number: 71-44-3

PubChem Substance ID: 329769392

REAXYS Number: 1750791

NACRES: NA.25

Synonym: N,N'-Bis(3-aminopropyl)-1,4-diaminobutane, Gerontine, Musculamine, Neuridine

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

Product Information

Molecular Weight	202.34
InChI	1S/C10H26N4/c11-5-3-9-13-7-1-2-8-14-10-4-6-12/h13-14H,1-12H2
SMILES string	[H]N(CCCN)CCCCN([H])CCCN
Biological Source	microbial
Form	crystalline (chunks)
Purity	≥99.0% (GC)
Impurities	≤0.5% spermidine
Solubility	water: 0.05 g/mL, clear, colorless
Quality Level	200
Applications	Spermine can be used as a supplement or regulator in a variety of biological applications. Used as a matrix together with DHB for MALDI-MS of sialylated glycans in negative ion mode.
Storage	2-8°C

Safety Information

Personal Protective Equipment	Eyeshields, Faceshields, Gloves, respirator cartridge type N100 (US), type P1 (EN143) respirator filter, type P3 (EN 143) respirator cartridges
WGK Germany	WGK 3
Hazard Statements	H314



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