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## Typical Product Specifications & Properties

# Sulphasalazine

CAS Number: : 599-79-1

Specifications	Limits
Molecular weight	398.40
EINECS	209-974-3
SMILES	<chem>c1ccnc(c1)NS(=O)(=O)c2ccc(cc2)/N=N/c3ccc(c(c3)C(=O)O)O</chem>
InChI	NCEXYHBECQHGNR-QZ QOTICOSA-N
InChIKey	1S/C18H14N4O5S/c23-16-9-6-13(11-15(16)18(24)25)21-20-12-4-7-14(8-5-12)28(26,27)22-17-3-1-2-10-19-17/h1-11,23H,(H,19,22)(H,24,25)/b21-20+
Atmospheric OH Rate Constant	1.38E-11 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	3.810
Melting Point	220 dec &deg; C
Melting Point	260-265 &deg;C (dec.)
Solubility	NH <sub>4</sub> OH 1 M: 50 mg/mL, clear, red
Storage Temperature	Refrigerator
Water solubility	<0.1 g/100 mL at 25 &#186;C

