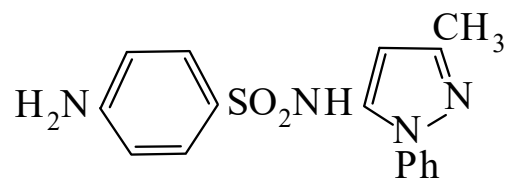




>>Entry Name: Sulfapyrazole, BAN, INN

Synonym(s): 4-Amino-*N*-(3-methyl-1-phenyl-1*H*-pyrazol-5-yl)benzenesulfonamide, 9Cl. *N*'-(3-Methyl-1-phenylpyrazol-5-yl)sulfanilamide, 8Cl. **Sulfazamet**, USAN. Sulfamethylphenazole. Sulfa-Medivet. Vesulong. Ba 18605. Ciba 18605



CAS Registry Number: 852-19-7

Molecular Formula: C₁₆H₁₆N₄O₂S

Molecular Weight: 328.394

Accurate Mass: 328.099396

Percentage Composition: C 58.52%; H 4.91%; N 17.06%; O 9.74%; S 9.76%

Use/Importance: Antibacterial agent (often for veterinary use)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 195° (181-182°)

Calculated Log P Data: Log P 2.31 (calc)

References:

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Seydel, J. *et al.*, *Arzneim.-Forsch.*, 1964, **14**, 1294, (*synth, pharmacol*)

Kuhnert-Brandstaetter, M. *et al.*, *Sci. Pharm.*, 1971, **39**, 15, (*ir*)

Alberti, C. *et al.*, *Farmaco, Ed. Sci.*, 1975, **30**, 20, (*synth, pharmacol*)

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