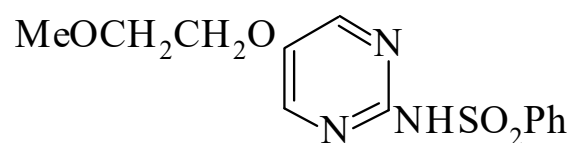




>>Entry Name: Glymidine, BAN

Synonym(s): *N*-[5-(2-Methoxyethoxy)-2-pyrimidinyl]benzenesulfonamide, 9CI. 2-Benzenesulfonamido-5-(2-methoxyethoxy)pyrimidine. Glycodiazine



CAS Registry Number: 339-44-6

Molecular Formula: C₁₃H₁₅N₃O₄S

Molecular Weight: 309.345

Accurate Mass: 309.078327

Percentage Composition: C 50.48%; H 4.89%; N 13.58%; O 20.69%; S 10.37%

Use/Importance: Oral hypoglycaemic agent, antidiabetic

Melting Point: Mp 152-154°

Calculated Log P Data: Log P 1.22 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 3100 mg/kg

>>Derivative: Na salt

Synonym(s): Glymidine sodium, JAN, USAN. Gondafon. Lycanol

CAS Registry Number: 3459-20-9

Melting Point: Mp 221-222°. Mp 226° (dimorph.)

Hazard & Toxicity: LD₅₀ (rat, orl) 2850 mg/kg

>>Derivative: Na salt, sesquihydrate

Melting Point: Mp 86-88°

References:

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Rehse, K., *Fresenius' Z. Anal. Chem.*, 1969, **246**, 22, (*pmr*)

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