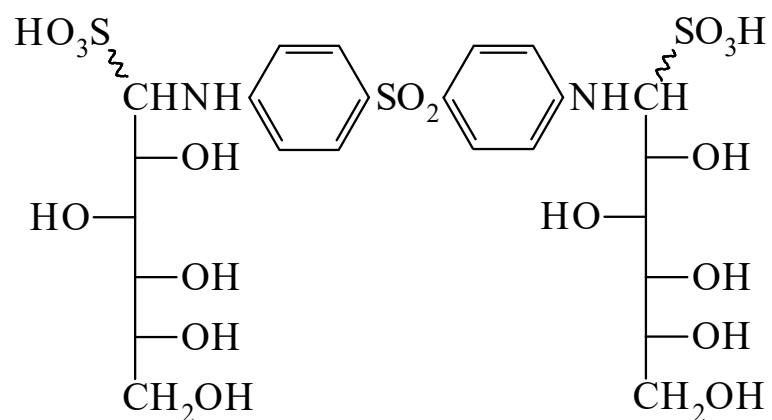




>>Entry Name: Glucosulfone, INN

Synonym(s): 1,1'-[Sulfonylbis(4,1-phenyleneimino)]bis[1-deoxy-1-sulfoglucitol]. Solfone. Protomin. Promin. Promanide. Angeli's sulfone. Aceprosol. Promamide. Tasmin. Theramin. SN 166



Molecular Formula: C₂₄H₃₆N₂O₁₈S₃

Molecular Weight: 736.749

Accurate Mass: 736.112528

Percentage Composition: C 39.13%; H 4.92%; N 3.80%; O 39.09%; S 13.06%

Calculated Log P Data: Log P -8.77 (uncertain value) (calc)

>>Variant: D-form

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Molecular Weight: 736.749

Accurate Mass: 736.112528

Percentage Composition: C 39.13%; H 4.92%; N 3.80%; O 39.09%; S 13.06%

>>Derivative: Di-Na salt

CAS Registry Number: 554-18-7

Use/Importance: Leprostatic agent

Physical Description: Amorph. sweet-tasting solid

References:

Swiss Pat., 1944, 234 108; *CA*, **43**, 4297a, (*synth, pharmacol*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, AOO800