

Streptomycin sulfate

Other names:

1,1'-((1R,2R,3S,4R,5R,6S)-4-(((2R,3R,4R,5S)-3-(((2S,3S,4S,5R,6S)-4,5-dihydroxy-6-(hydroxymethyl)-2-oxohexanoate)-L-proline)-L-proline)amino)-L-proline)sulfate (2:3)
streptomycin sulphate
Sulfate (2:3)

Inchi: InChI=1S/2C21H39N7O12.3H2O4S/c2*1-5-21(36,4-30)16(40-17-9(26-2)13(34)10(31)6(3

InchiKey: QTENRWWVYAAPBI-UHFFFAOYSA-N

Formula: C42H84N14O36S3

SMILES: C[NH2+](C1C(OC2C(OC3C(O)C(O)C(NC(N)=[NH2+])C(O)C3NC(N)=[NH2+])OC(C)C2(O

Mol. weight [g/mol]: 1457.38

CAS: 3810-74-0

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3810740&Units=SI>

Study of (solute + solute) and (solute + solvent) interactions of homologous series of some .alpha.-amino acids in aqueous-streptomycin sulfate solutions at different temperatures by using physicochemical methods: <https://www.doi.org/10.1016/j.jct.2015.11.015>
Latest version available from:
<https://www.chemeo.com/cid/55-878-7/Streptomycin-sulfate.pdf>

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