



Formula: C₁₆H₁₈O₆

MW: 306.32

CAS: 33993-25-6

MDL: MFCD01329917

TNP: TNP00572

2-NAPHTHYL-BETA-D-GALACTOPYRANOSIDE;
2-NAPHTHYL-BETA-D-GALACTOPYRANOSIDE HYDRATE;
2-NAPHTHYL-BETA-D-GALACTOPYRANOSIDE MONOHYDRATE; BETA-NAP-BETA-D-GAL;
BETA-NAPHTHYL BETA-D-GALACTOPYRANOSIDE;
BETA-NAPHTHYL-BETA-D-GALAKTOPYRANOSIDE; BETA-NAPHTHYL-BETA-GALACTOSID



LogP: 3.08

LogS: -3.94

Acceptors: 6

Donors: 4

Rotation Bonds: 2

Chiral Centers: 5

N+O: 6

LIPINSKY: 4

Info: 2-Naphthyl-beta-D-galactopyranoside

IUPAC: (2S,4S,3R,5R,6R)-6-(hydroxymethyl)-2-(2-naphthyloxy)-2H-3,4,5,6-tetrahydropyran-3,4,5-triol

Smiles: O1[C@H]([C@@H]([C@@H](O)[C@H]([C@H]1CO)O)O)Oc1cc2ccccc2cc1

SOURCE: Derivative of D-galactose - constituent of many oligo- and polysaccharides occurring in pectins, gums, and mucilages

Specification: Substrates; Carbohydrates & Derivatives; Intermediates & Fine Chemicals; Pharmaceuticals 2-Naphthyl-beta-D-galactopyranoside Chemical Properties:

mp 196-198 C(lit.) storage temp. -20C CAS DataBase Reference33993-25-8(CAS DataBase Reference) Safety 22-24/25 WGK Germany 3 F 10-212-Naphthyl-beta-D-galactopyranoside Usage And Synthesis Chemical Properties:

White Solid UsageChemotherapeutic agent, especially cancerostatics.
2-Naphthyl-beta-D-galactopyranoside