



Formula: C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S

MW: 244.31

CAS: 58-85-5, 22879-79-4

TNP NUMBER: TNP00247

MDL NUMBER: MFCD00063685

IUPAC: biotin

Smiles: C(CCCC(=O)O)[C@H]1[C@@H]2([C@H](CS1)(NC(N2)=O))

Growth factor present in minute amount in every living cell

THERAPEUTIC CATEGORY: Vitamin (enzyme cofactor)

ACCEPTORS: 3

DONORS: 3

ROTATION BONDS: 5

N+O: 5

Chiral Centers: 3

LogP: 2.2

LogS: -3.39

LIPINSKI: 4

Synonyms: BIOS H;BIOEPIDERM;BIOTINUM;BIOTIN(V-H);BIOTIN, IMMOBILIZED ON DEXTRAN;BIOTIN, IMMOBILIZED ON DEXTRAN-LYSINE;(+)-BIOTIN;BIOTIN

CAS:22879-79-4

MF:C10H16N2O3S

MW:244.31

EINECS:200-399-3

Product Categories:PHARMACEUTICALS VITAMIN H

Chemical Properties: mp 231-233 C(lit.) storage temp. 2-8C solubility H2O: 0.2 mg/mL Solubility increases with addition of 1 N NaOH. form powder

CAS DataBase Reference: 22879-79-4(

CAS DataBase Reference: )

Safety Information: WGK Germany 1 RTECS XJ9088200 F 8 VITAMIN H

Usage And Synthesis: VITAMIN H

