



Formula: C<sub>15</sub>H<sub>10</sub>I<sub>4</sub>NNaO<sub>4</sub>

MW: 798.86

CAS: 25416-65-2

TNP NUMBER: TNP00636

MDL NUMBER: MFCD00069586

IUPAC: (2S)-2-amino-3-[4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]propanoic acid, sodium salt

Smiles: C([C@H](N)C([O-])=O)c1cc(c(Oc2cc(c(c(c2)I)O)I)c(c1)I)I.[Na+]

THERAPEUTIC CATEGORY: Thyroide Hormone. Dextrothyroxine (D-Thyroxine) as antihyperlipoproteinemic

SOURCE: Isolation from thyroid. L-form is naturally occurring

ACCEPTORS: 4

DONORS: 3

ROTATION BONDS: 2

N+O: 5

Chiral Centers: 1

LogP:

LogS:

LIPINSKI:

Synonyms: SODIUM LEVOTHYROXINE;SODIUM LEVOTHYROXINE, HYDRATE;sodium (2s)-2-amino-3-[4-(4-hydroxy-3,5-diiodo-phenoxy)-3,5-diiodo-phenyl]propanoate;3-[4-4-HYDROXY-3,5-DIIODOPHENOXY-3,5-DIIODOPHENYL]-L-ALANINE, HYDRATE;L-THYROXINE SODIUM SALT;L-THYROXINE SODIUM SALT, HYDRATE;L-THYROXINE SODIUM, HYDRATE;L-THYROXIN SODIUM

CAS:25416-65-3

MF:C15H10I4NNaO4

MW:798.85

EINECS:200-221-4

Product Categories: Sodium levothyroxine

Chemical Properties: mp 207 C alpha 16 (c=2,1M HCl/alcohol 1/4) storage temp. Store at 0-5C Water Solubility 0.15 g/L (25 C)

CAS DataBase Reference: 25416-65-3(

CAS DataBase Reference: )

Safety Information: Safety Statements 24/25 Sodium levothyroxine

Usage And Synthesis:

Chemical Properties: almost white to beige or Sodium levothyroxine

