



Formula: C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub>

MW: 266.25

CAS: 2304-96-3

MDL: MFCD00063837

TNP:

Z-ASPARAGINE; Z-ASN-OH; Z-L-ASPARAGINE; Z-L-ASN-OH; N-CBZ-L-ASPARAGINE;  
N-CBZ-L-ASPARAGINE-OH; N2-[(PHENYLMETHOXY)CARBONYL]-L-ASPARAGINE;  
N-ALPHA-BENZYLOXYCARBONYL-L-ASPARAGINE



LogP: 0.5

LogS: -2.8

Acceptors: 5

Donors: 4

Rotation Bonds: 6

Chiral Centers: 1

N+O: 7

LIPINSKY: 4

Info: Nalpha-Carbobenzyloxy-L-asparagine 98%

IUPAC: (2R)-3-carbamoyl-2-[(phenylmethoxy)carbonylamino]propanoic acid

Smiles: C(N[C@H](CC(=O)N)(C(=O)O))(=O)OCc1ccccc1

SOURCE: Derivative of Asparagine - natural amino acid.

Specification: chiral; Amino Acid Derivatives; PROTECTED AMINO ACID & PEPTIDES;  
Asparagine [Asn, N]; Z-Amino Acids and Derivatives; Amino Acids; Amino Acids (N-Protected);  
Biochemistry; Cbz-Amino Acids; Chiral Compounds; Z-Amino acid series  
N-Benzyloxycarbonyl-L-asparagine Chemical Properties:

mp 163-165 C(lit.) alpha 6.5