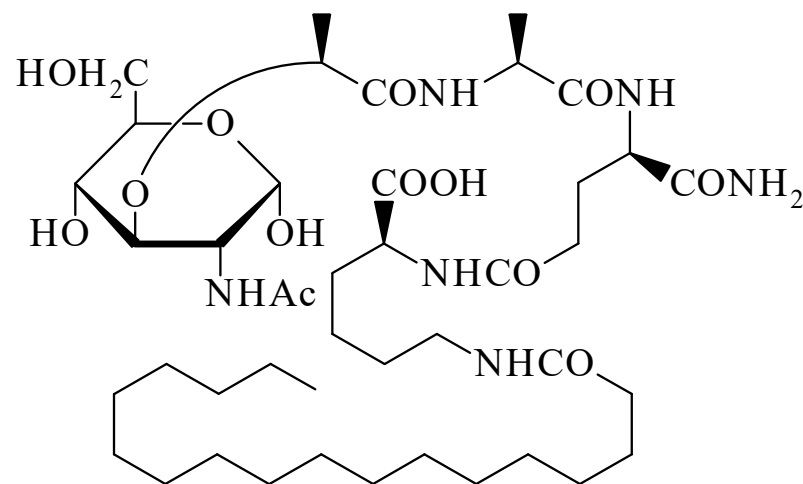




>>Entry Name: Romurtide, INN, JAN

Synonym(s): N^2 -[N^2 -[N -(N -Acetylmuramoyl)- L -alanyl]- D - α -glutaminy]- N^6 -(1-oxooctadecyl)- L -lysine, 9Cl. Muroctasin. Nopia. DJ 7041



CAS Registry Number: 78113-36-7

Molecular Formula: $C_{43}H_{78}N_6O_{13}$

Molecular Weight: 887.122

Accurate Mass: 886.562689

Percentage Composition: C 58.22%; H 8.86%; N 9.47%; O 23.45%

Use/Importance: Immunostimulant; augments production of granulocyte colony stimulating factor (G-CSF). Antineoplastic, antiviral agent

Physical Description: Powder

Development Status: Launched 1991 (Japan)

Melting Point: Mp 176-178°

Optical Rotation: $[\alpha]_D^{20} +24.9$ (c, 1 in MeOH)

Calculated Log P Data: Log P 2.4 (calc)

Sigma: A0936

References:

Tsubura, E. *et al.*, *Arzneim.-Forsch.*, 1988, **38**, 951; 953, (*synth, pharmacol, pmr, cmr, uv, ir*)
Drugs of Today (Barcelona), 1993, **29**, 250, (*rev*)