



>>Entry Name: Sargramostim, BAN, INN, USAN

Synonym(s): Leukine. Prokine. BI 61.012. 23-L-Leucine colony-stimulating factor 2 (human clone pHG₂₅ protein moiety). rhu GM-CSF

CAS Registry Number: 123774-72-1

Molecular Formula: C₆₃₉H₁₀₀₂N₁₆₈O₁₉₆S₈

Molecular Weight: 14430.481

Accurate Mass: 14421.136982

Percentage Composition: C 53.19%; H 7.00%; N 16.31%; O 21.73%; S 1.78%

Source/Synthesis: Isol. from *Saccharomyces cerevisiae*

Use/Importance: Used as an adjuvant in cancer chemotherapies. Granulocyte macrophage colony stimulating factor (GM-CSF); immunostimulant. Used for treatment of secondary neutropenia

Development Status: Launched 1991 (US)

References:

Burr, J.M. *et al.*, *Clin. Pharm.*, 1991, **10**, 947, (use)

Gibaldi, M., *Perspect. Clin. Pharm.*, 1991, **9**, 57