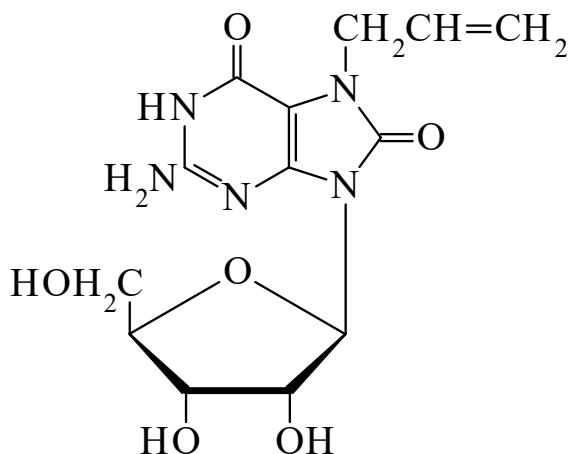




>>Entry Name: Loxoribine, INN, USAN

Synonym(s): 7,8-Dihydro-8-oxo-7-(2-propenyl)guanosine, 9Cl. 7-Allyl-2-amino-9-β-D-ribofuranosylpurine-6,8(1*H*,9*H*)-dione. 7-Allyl-8-oxoguanosine. RWJ 21757



CAS Registry Number: 121288-39-9

Molecular Formula: C₁₃H₁₇N₅O₆

Molecular Weight: 339.307

Accurate Mass: 339.117885

Percentage Composition: C 46.02%; H 5.05%; N 20.64%; O 28.29%

Use/Importance: Immunostimulant, enhances murine natural killer synth. and β lymphocyte proliferation

Physical Description: Powder

Melting Point: Mp 230°

Calculated Log P Data: Log P -2.81 (calc)

References:

Eur. Pat., 1989, *Scripps Found*, 341 065; *CA*, **112**, 217466x, (*synth, pharmacol*)

Goodman, M.G., *Cell Immunol.*, 1990, **129**, 377, (*activity*)

Come, J. *et al.*, *Tet. Lett.*, 1991, **32**, 4823, (*synth*)

Pope, B.L. *et al.*, *J. Immunol.*, 1993, **151**, 3007, (*pharmacol*)

Pope, B.L. *et al.*, *Cell Immunol.*, 1994, **159**, 194, (*pharmacol*)

Reitz, A.B. *et al.*, *J. Med. Chem.*, 1994, **37**, 3561, (*synth, pharmacol, sar*)