



>>Entry Name: Propagermanium, INN

Synonym(s): 3,3'-(1,3-Dioxo-1,3-digermoxanediyl)bispropanoic acid. 3-Hydroxygermylpropionic acid. Carboxyethylgermanium sesquioxide. Cerocion. Proxigermanium. Serosion. Ge-132. SK 818

CAS Registry Number: 12758-40-6

Related CAS Registry Numbers(s): 27031-31-8

$(\text{GeCH}_2\text{CH}_2\text{COOH})_2\text{O}_3$

Molecular Formula: $\text{C}_6\text{H}_{10}\text{Ge}_2\text{O}_7$

Molecular Weight: 339.361

Accurate Mass: 341.885009

Percentage Composition: C 21.24%; H 2.97%; Ge 42.79%; O 33.00%

Use/Importance: Immunostimulant, antiviral agent. Used in the treatment of hepatitis B

Physical Description: No phys. props. reported. Powder

Development Status: Launched 1994 (Japan)

Aldrich: 39626-5

Sigma: C0557

References:

Fr. Pat., 1969, *Daiichi*, 2 005 110; *CA*, **73**, 15001g, (*synth, pharmacol*)

Kurono, M. *et al.*, *Iyakuhi Kenkyu*, 1989, **20**, 309; *CA*, **111**, 102621f, (*props*)

Ishiwata, Y. *et al.*, *Arzneim.-Forsch.*, 1990, **40**, 896; 1994, **44**, 357, (*pharmacol*)

Xie, Z. *et al.*, *Acta Cryst. C*, 1993, **49**, 1154, (*cryst struct*)

Asano, K. *et al.*, *J. Toxicol. Sci.*, 1994, **19**, 131, (*tox*)