



>>Entry Name: Heneicosafuorotripropylamine

Synonym(s): 1,1,2,2,3,3,3-Heptafluoro-*N,N*-bis(heptafluoropropyl)-1-propanamine, 9Cl. Tris(heptafluoropropyl)amine. Perfluorotripropylamine. **Perfluamine**, BAN, INN. Fluosol. FTPA

CAS Registry Number: 338-83-0

Related CAS Registry Numbers(s): 66850-93-9

$(F_3CCF_2CF_2)_3N$

Molecular Formula: C₉F₂₁N

Molecular Weight: 521.072

Accurate Mass: 520.969537

Percentage Composition: C 20.75%; F 76.57%; N 2.69%

Use/Importance: Oxygen carrying agent (blood substitute)

Boiling Point: Bp 129.9°

Other Data: Component of Fluosol DA

References:

Haszeldine, R.N., *Research (London)*, 1950, **3**, 430, (*synth*)

Ohyanagi, H. *et al.*, *Clin. Ther.*, 1979, **2**, 306, (*use*)

Okamoto, M. *et al.*, *Int. Congr. Ser. Excerpta Med.*, 1979, **486**, 247, (*numerous papers*)

Blood Substitutes, (Ed., Lowe, K.C.L.), VCH/Ellis Horwood, 1988, (*book*)

Meyer, K.L. *et al.*, *Invest. Radiol.*, 1992, **27**, 620, (*metab*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 652