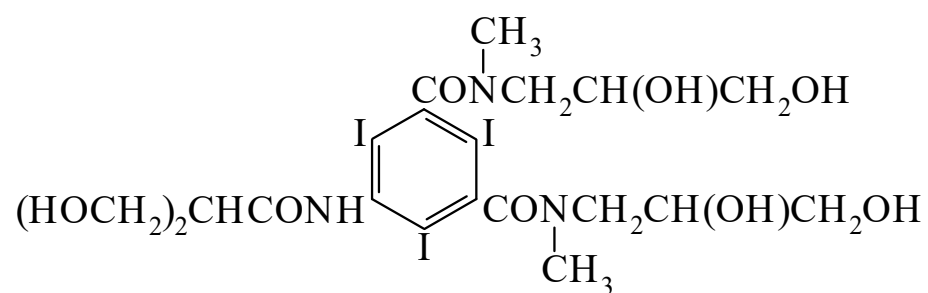




>>Entry Name: Iobitridol, BAN, INN

Synonym(s): *N,N'*-Bis(2,3-dihydroxypropyl)-5-[[3-hydroxy-2-(hydroxymethyl)-1-oxopropyl]amino]-2,4,6-triiodo-*N,N'*-dimethyl-1,3-benzenedicarboxamide, 9Cl. *N,N'*-Bis(2,3-dihydroxypropyl)-5-[2-(hydroxymethyl)hydracrylamido]-2,4,6-triiodo-*N,N'*-dimethylisophthalamide. Xenetix



CAS Registry Number: 136949-58-1

Molecular Formula: C₂₀H₂₈I₃N₃O₉

Molecular Weight: 835.169

Accurate Mass: 834.895976

Percentage Composition: C 28.76%; H 3.38%; I 45.59%; N 5.03%; O 17.24%

Use/Importance: Urographic and angiographic contrast medium. Marker of extracellular fluids

Development Status: Launched 1995 (France)

References:

U.S. Pat., 1991, *Guerbet*, 5 043 152; *CA*, **115**, 279610k, (*synth*)

Bourrinet, P. *et al.*, *Invest. Radiol.*, 1994, **29**, 1057; 1995, **30**, 156, (*metab, hplc*)

Taylor, W. *et al.*, *Eur. J. Radiol.*, 1995, **20**, 57, (*clin trial*)