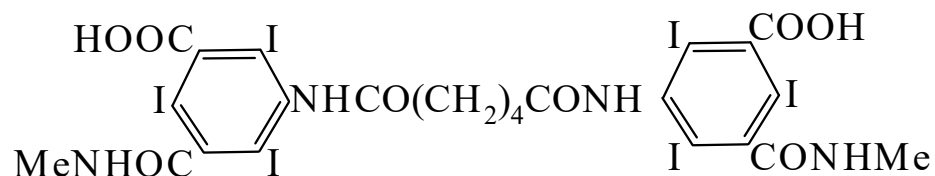




>>Entry Name: Iocarmic acid, BAN, INN, JAN, USAN

Synonym(s): 3,3'-[(1,6-Dioxo-1,6-hexanediyl)diimino]bis-2,4,6-triiodo-5-[(methylamino)carbonyl]benzoic acid, 9Cl. 5,5-(Adipoyldiimino)bis[2,4,6-triiodo-*N*-methylisophthamic acid], 8Cl. Myelotrast



CAS Registry Number: 10397-75-8

Molecular Formula: C₂₄H₂₀I₆N₄O₈

Molecular Weight: 1253.871

Accurate Mass: 1253.554954

Percentage Composition: C 22.99%; H 1.61%; I 60.73%; N 4.47%; O 10.21%

Use/Importance: Radiopaque medium (diagnostic aid), relatively low acute toxicity by parenteral routes

Physical Description: Cryst. (DMF)

Melting Point: Mp 302 dec.°

Calculated Log P Data: Log P -3.8 (calc)

>>Derivative: *N*-Methylglucamine salt (1:2)

Synonym(s): Iocarmate meglumine, USAN. Dimeray. Dimerex. Dirax. LM 280

CAS Registry Number: 54605-45-7

References:

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Ger. Pat., 1974, 2 317 535; *CA*, **81**, 91212g, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 706

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, IDJ500; TDQ230