

Product Data Sheet

Product Name: Ioxilan
Cat. No.: GC39493

Chemical Properties

Cas. No. 107793-72-6

SMILES O=C(C1=C(I)C(N(C(C)=O)CC(O)CO)=C(I)C(C(NCCO)=O)=C1I)NCC(O)CO

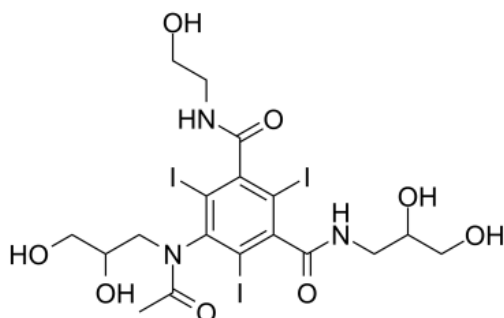
Formula $C_{18}H_{24}I_3N_3O_8$ M.Wt 791.11

Solubility DMSO: ≥ 250 mg/mL (316.01 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Ioxilan is a low-osmolar, nonionic and tri-iodinated diagnostic contrast agent. Ioxilan is also an X-ray contrast agent for excretory urography and contrast enhanced computed tomographic (CECT) imaging of the head and body. Intravascular injection results in opacification of vessels in the path of flow of the contrast medium, permitting radiographic visualization of the internal structures of the human body until significant hemodilution occurs[1][2][3].

[1]. Cheng KT. Ioxilan carbonate particles. National Center for Biotechnology Information (US); 2004-

Caution: Product has not been fully validated for medical applications. For research use only.

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2013. 2007 Sep 1. [2]. Chow SL, et al. Effect of iodixanol and ioxilan on QT interval and renal function in patients with systolic heart failure. Int J Cardiol. 2012 Jan 12;154(1):17-21. [3]. Nonionic Contrast Agents.

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