
Product Data Sheet

Product Name: BFCAs-1
 Cat. No.: GC30492

Chemical Properties

Cas. No. 585531-74-4

SMILES O=C(OC(C)(C)C)CN1CCN(CC(OC(C)(C)C)=O)CCN(CC(OC(C)(C)C)=O)CCN(CC(OC(C)(C)C)=O)CC1

Formula C₃₂H₆₀N₄O₈ M.Wt 628.84

Solubility Soluble in DMSO 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

BFCAs-1 is a polyamino polycarboxylic bifunctional chelating agent(BFCAs); a broad range of applications in chemistry, biology and medicine and diagnostic imaging (MRI, SPECT, PET).

[1]. Lattuada L, et al. The synthesis and application of polyamino polycarboxylic bifunctional chelating agents. Chem Soc Rev. 2011 May;40(5):3019-49. [2]. Keliris A, et al. Synthesis and characterization of a cell-permeable bimodal contrast agent targeting β-galactosidase. Bioorg Med Chem. 2011 Apr 15;19(8):2529-40.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
