
Product Data Sheet

Product Name: DOTA derivative

Cat. No.: GC30481

Chemical Properties

Cas. No. 153777-70-9

SMILES O=S(N1CCN(S(=O)(C2=CC=C(C)C=C2)=O)CCN(S(=O)(C3=CC=C(C)C=C3)=O)CC(CC4=CC=CC=C4)N(S(=O)(C5=CC=C(C)C=C5)=O)CC1)(C6=CC=C(C)C=C6)=O

Formula C₄₃H₅₀N₄O₈S₄ M.Wt 879.14

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**

DOTA derivative is a benzyl derivative of the cyclic tosamide; can be nitrated directly; is more convenient to incorporate the nitro group after deprotection lithium aluminum hydride.

[1]. Martha L Gilbert, et al. A new synthetic route to 2-(p-nitrobenzyl)-1,4,7,10-tetraazacyclododecane. doi:10.1016/S0040-4039(00)73873-1

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
