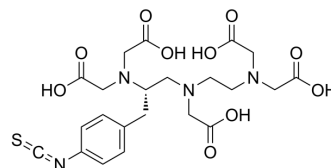


Bz-DTPA

Cat. No.:	HY-156035
CAS No.:	102650-30-6
Molecular Formula:	C ₂₂ H ₂₈ N ₄ O ₁₀ S
Molecular Weight:	540.54
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (46.25 mM; Need ultrasonic)
H₂O : 5 mg/mL (9.25 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		1.8500 mL	9.2500 mL	18.5000 mL
	5 mM		0.3700 mL	1.8500 mL	3.7000 mL
	10 mM		0.1850 mL	0.9250 mL	1.8500 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Bz-DTPA is a bifunctional chelator. Bz-DTPA can be used for preparing immunoconjugate of monoclonal antibody 2G3 labeled with indium-111^[1].

REFERENCES

[1]. Reilly R, et, al. In vitro stability of EDTA and DTPA immunoconjugates of monoclonal antibody 2G3 labeled with indium-111. Int J Rad Appl Instrum A. 1992 Aug;43(8):961-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA