



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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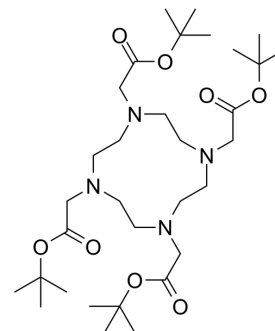
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BFCAs-1

Cat. No.:	HY-12691
CAS No.:	585531-74-4
Molecular Formula:	C ₃₂ H ₆₀ N ₄ O ₈
Molecular Weight:	628.84
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (39.76 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.5902 mL	7.9511 mL	15.9023 mL
	5 mM		0.3180 mL	1.5902 mL	3.1805 mL
	10 mM		0.1590 mL	0.7951 mL	1.5902 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (3.98 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.98 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.98 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

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).

REFERENCES

- [1]. Lattuada L, et al. The synthesis and application of polyamino polycarboxylic bifunctional chelating agents. Chem Soc Rev. 2011 May;40(5):3019-49.

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

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