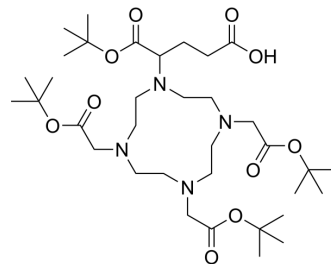


## DOTA-GA(tBu)<sub>4</sub>

Cat. No.:	HY-W614269		
CAS No.:	306776-79-4		
Molecular Formula:	C <sub>35</sub> H <sub>64</sub> N <sub>4</sub> O <sub>10</sub>		
Molecular Weight:	700.9		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (142.67 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.4267 mL	7.1337 mL	14.2674 mL
5 mM	0.2853 mL	1.4267 mL	2.8535 mL
10 mM	0.1427 mL	0.7134 mL	1.4267 mL

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

### BIOLOGICAL ACTIVITY

#### Description

DOTA-GA(tBu)<sub>4</sub> is a macrocyclic chelator used in medical imaging<sup>[1]</sup>.

### REFERENCES

[1]. Damerow H, et al. Synthesis of a Bifunctional Cross-Bridged Chelating Agent, Peptide Conjugation, and Comparison of 68 Ga Labeling and Complex Stability Characteristics with Established Chelators. ChemMedChem. 2023 Jan 3;18(1):e202200495.

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

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