



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

DOTA Conjugated JM#21 derivative 7

Chemical Properties

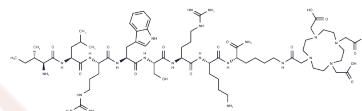
CAS No. : 3033865-40-3

Formula: C₆₆H₁₁₄N₂₂O₁₆

Molecular Weight: 1471.75

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description

DOTA-Conjugated JM#21 Derivative 7 (compound Ligand-7) is a CXCR4-targeting peptide derivative conjugated with DOTA, suitable for producing radioligands. Radiolabeled with ¹⁷⁷Lu, this compound, referred to as ¹⁷⁷Lu-DOTA, demonstrates superior CXCR4 tumor targeting capabilities. In vitro biodistribution studies of ¹⁷⁷Lu-DOTA indicate minimal uptake in non-target organs, with the exception of the kidneys.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6795 mL	3.3973 mL	6.7946 mL
5 mM	0.1359 mL	0.6795 mL	1.3589 mL
10 mM	0.0679 mL	0.3397 mL	0.6795 mL
50 mM	0.0136 mL	0.0679 mL	0.1359 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481