



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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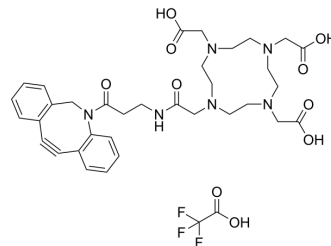
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DOTA-ADIBO TFA

Cat. No.:	HY-100133A
Molecular Formula:	C ₃₆ H ₄₃ F ₃ N ₆ O ₁₀
Molecular Weight:	776.76
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vivo	- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.22 mM); Clear solution - Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.22 mM); Clear solution - Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.22 mM); Clear solution
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BIOLOGICAL ACTIVITY

Description	DOTA-ADIBO TFA is a DOTA-derived bifunctional chelator (BFC) that allows drug conjugation via an uncatalyzed, copper-free cycloaddition reaction. DOTA-ADIBO TFA enables the construction of fusion chelator systems that can be further used to synthesize radiotracers after Cu[64] modification. Positron emission tomography imaging of tumors expressing integrin αvβ6 ^[1] .
IC ₅₀ & Target	αvβ6

REFERENCES

[1]. Siow et al. Chemical Modifications on the αvβ6 Integrin Targeting A20FMDV2 Peptide: A Review[J]. ChemMedChem, 2024: e202400131.

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

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