



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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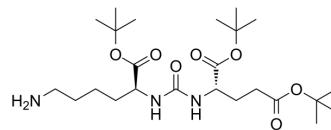
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tert-Butyl-DCL

Cat. No.: HY-W054292
CAS No.: 1025796-31-9
Molecular Formula: C₂₄H₄₅N₃O₇
Molecular Weight: 487.63
Target: PSMA
Pathway: Immunology/Inflammation
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (205.07 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0507 mL	10.2537 mL	20.5074 mL
	5 mM		0.4101 mL	2.0507 mL	4.1015 mL
	10 mM		0.2051 mL	1.0254 mL	2.0507 mL

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

BIOLOGICAL ACTIVITY

Description

tert-Butyl-DCL is a small molecule PSMAM inhibitor with anticancer activity that targets prostate-specific membrane antigen (PSMA). tert-Butyl-DCL is also an effective bioimaging agent that has high selectivity and affinity, allowing it to target and highlight specific receptors on the surface of tumor cells^[1].

REFERENCES

[1]. 1.Gade N, et al. Synthons for the Synthesis of Urea-Based PSMA Inhibitors. ACS Med Chem Lett. 2023 Jun 9;14(7):943-948

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

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