



SZABO SCANDIC

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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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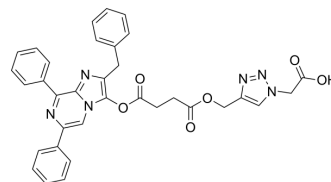
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ETZ

Cat. No.:	HY-145127
CAS No.:	2989379-61-3
Molecular Formula:	C ₃₄ H ₂₈ N ₆ O ₆
Molecular Weight:	616.62
Target:	Fluorescent Dye
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 : 100 mg/mL (162.17 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.6217 mL	8.1087 mL	16.2174 mL
		5 mM		0.3243 mL	1.6217 mL	3.2435 mL
		10 mM		0.1622 mL	0.8109 mL	1.6217 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5 mg/mL (8.11 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	ETZ (C3-CA-DTZ) is a promising luciferase substrate (prosubstrate) activatable in vivo by nonspecific esterase to enhance the brain delivery of the luciferin ^[1] .
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REFERENCES

[1]. Xiaodong Tian, et al. A luciferase prosubstrate and a red bioluminescent calcium indicator to image neuronal activity. bioRxiv 2021.12.06.471018.

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

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