



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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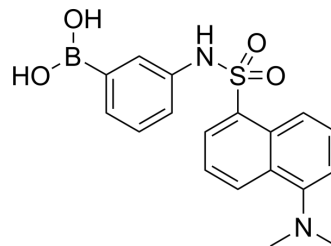
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3-(Dansylamino)phenylboronic acid

Cat. No.:	HY-W019810
CAS No.:	75806-94-9
Molecular Formula:	C ₁₈ H ₁₉ BN ₂ O ₄ S
Molecular Weight:	370.23
Target:	Fluorescent Dye
Pathway:	Others
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 (270.10 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7010 mL	13.5051 mL	27.0102 mL
	5 mM	0.5402 mL	2.7010 mL	5.4020 mL
	10 mM	0.2701 mL	1.3505 mL	2.7010 mL

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

BIOLOGICAL ACTIVITY

Description

3-(Dansylamino)phenylboronic acid, a phenylboronic acid derivative, can be used for the glucose detection^[1].

REFERENCES

[1]. Zhihua Chai, et al. Development of a novel nanoprobe from alginate functionalized gold nanoparticles and 3-(dansylamino)phenylboronic acid for glucose detection and enhanced 4-nitrophenol reduction. Carbohydr Res. 2019 Mar 1;475:11-16.

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

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