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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2-Aminoacridone

Cat. No.: HY-103594

CAS No.: 27918-14-5

Molecular Formula: $C_{13}H_{10}N_2O$

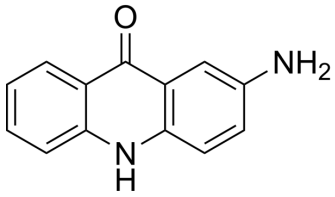
Molecular Weight: 210.24

Target: Fluorescent Dye

Pathway: Others

Storage: -20°C, protect from light

* The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2.94 mg/mL (13.98 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	4.7565 mL	23.7823 mL	47.5647 mL
	5 mM	0.9513 mL	4.7565 mL	9.5129 mL
	10 mM	0.4756 mL	2.3782 mL	4.7565 mL

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

BIOLOGICAL ACTIVITY

Description

2-Aminoacridone is a widely used fluorophore (λ_{exc}=428 nm, λ_{em}=525 nm).

In Vitro

By using 2-Aminoacridone (AMAC) as labeling molecule, sensitivity for detection of GAG-derived disaccharides is greatly enhanced, and resolution is also improved[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Robert A. M. Vreeburg,et al. Fingerprinting of hydroxyl radical-attacked polysaccharides by N-isopropyl-2-aminoacridone labelling.Biochem J. 2014 Oct 15; 463(Pt 2): 225–237.

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

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