



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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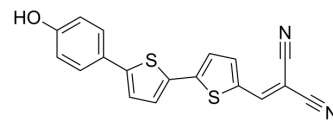
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NIAD-4

Cat. No.:	HY-111263
CAS No.:	868592-56-7
Molecular Formula:	C ₁₈ H ₁₀ N ₂ OS ₂
Molecular Weight:	334.41
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (74.76 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9903 mL	14.9517 mL	29.9034 mL
	5 mM	0.5981 mL	2.9903 mL	5.9807 mL
	10 mM	0.2990 mL	1.4952 mL	2.9903 mL

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

BIOLOGICAL ACTIVITY

Description

NIAD-4 is a fluorophore for optical imaging of amyloid-β (Aβ) in the central nervous system (CNS) for Alzheimer's disease (AD). NIAD-4 binds to the same Aβ site with the binding affinity (K_i) of 10 nM^[1].

REFERENCES

[1]. Kenneth T. Cheng, et al. [[5'-(4-Hydroxyphenyl)[2,2'-bithiophen]-5-yl]methylene]propanedinitrile NIAD-4.

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

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