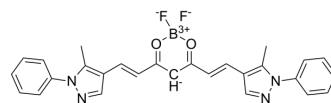


CRANAD-28

Cat. No.:	HY-123495		
CAS No.:	1623747-97-6		
Molecular Formula:	C ₂₇ H ₂₃ BF ₂ N ₄ O ₂		
Molecular Weight:	484.3		
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 : 5 mg/mL (10.32 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0648 mL	10.3242 mL	20.6484 mL
	5 mM	0.4130 mL	2.0648 mL	4.1297 mL
	10 mM	0.2065 mL	1.0324 mL	2.0648 mL

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

BIOLOGICAL ACTIVITY

Description

CRANAD-28 is a robust fluorescent compound for visualization of amyloid beta plaques^[1].

REFERENCES

[1]. Kathleen Ran, et al. CRANAD-28: A Robust Fluorescent Compound for Visualization of Amyloid Beta Plaques. *Molecules*. 2020 Feb 16;25(4):863.

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

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