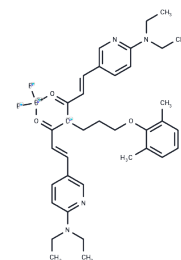


CRANAD-102

Chemical Properties

CAS No. :	2685738-66-1
Formula:	C ₃₆ H ₄₅ BF ₂ N ₄ O ₃
Molecular Weight:	630.58
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	CRANAD-102 is a probe for selectively detecting sA β species in Alzheimer's disease (AD).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5858 mL	7.9292 mL	15.8584 mL
5 mM	0.3172 mL	1.5858 mL	3.1717 mL
10 mM	0.1586 mL	0.7929 mL	1.5858 mL
50 mM	0.0317 mL	0.1586 mL	0.3172 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Li Y, Yang J, Liu H, Yang J, Du L, Feng H, Tian Y, Cao J, Ran C. Tuning the stereo-hindrance of a curcumin scaffold for the selective imaging of the soluble forms of amyloid beta species. *Chem Sci*. 2017 Nov 1;8(11):7710-7717. doi: 10.1039/c7sc02050c. Epub 2017 Sep 15. PubMed PMID: 29568434; PubMed Central PMCID: PMC5851342.
- Yang J, Yang J, Li Y, Xu Y, Ran C. Near-infrared Fluorescence Ocular Imaging (NIRFOI) of Alzheimer's Disease. *Mol Imaging Biol*. 2018 May 25. doi: 10.1007/s11307-018-1213-z. [Epub ahead of print] PubMed PMID: 29802553.

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