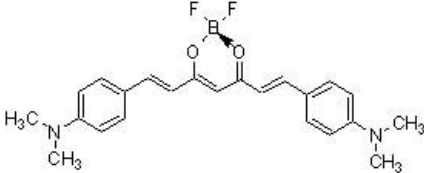


# CRANAD-2, Near-infrared Amyloid-beta fluorescent probe ab141775

### 概述

产品名称	CRANAD-2, Near-infrared Amyloid-beta fluorescent probe
描述	Near-infrared Amyloid-β fluorescent probe
生物学描述	Near-infrared (NIR) Amyloid-β fluorescent probe. Upon interacting with Amyloid-β aggregates displays a 70-fold increase in fluorescence intensity accompanied by a 90 nm blue shift from 805 to 715 nm. Demonstrates high affinity for amyloid-β aggregates ( $K_d = 38$ nM). Detects amyloid-β <i>in vitro</i> and <i>in vivo</i> . Blood-brain barrier permeable. <a href="#">Learn more</a>
纯度	> 98%
常规说明	This product is manufactured by BioVision, an Abcam company and was previously called 2699 CRANAD-2. 2699-25 is the same size as the 25 mg size of ab141775.
CAS编号	1193447-34-5
化学结构	

### 性能

化学名称	(T-4)-[(1E,6E)-1,7-Bis[4-(dimethylamino)phenyl]-1,6-heptadiene-3,5-dionato- $kO^3,kO^5$ ]difluoroboron
分子量	410.27
分子式	$C_{23}H_{25}BF_2N_2O_2$
PubChem识别号	90488972
存放说明	Shipped at 4°C. Store at -20°C. Store In the Dark. Store under desiccating conditions.
溶解度概述	Soluble in DMSO to 5 mM (with warming)
处理	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

## SMILES

[B-]1(OC(=C/C(=C/C=C2C=CC(=[N+](C)C)C=C2)/O1)/C=C/C3=CC=C(C=C3)N(C)C)(F)F

## 来源

Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team