

Cardiolipin probe ab285385

Overview

Product name	Cardiolipin probe
Biological description	An excellent fluorescent probe for the detection and quantification of cardiolipin (CL). This probe displays improved sensitivity and excellent selectivity for CL over other major mitochondrial membrane lipids.
Purity	>= 95%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called B1183 Cardiolipin probe. B1183-5 is the same size as the 5 mg size of ab285385.

Properties

Chemical name	1,1,2,2-Tetrakis[4-(2-trimethylammonioethoxy)-phenyl]ethene Tetrabromide
Molecular weight	1060.67
Molecular formula	C ₄₆ H ₆₈ Br ₄ N ₄ O ₄
PubChem identifier	91809204
Storage instructions	Shipped at 4°C. Store at -20°C. Store In the Dark. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	DMSO
SMILES	<chem>C[N+](C)(C)CCOC(C=C1)=CC=C1/C(C2=CC=C(OCC[N+](C)(C)C)C=C2)=C(C3=CC=C(OCC[N+](C)(C)C)C=C3)/C4=CC=C(OCC[N+](C)(C)C)C=C4.[Br-].[Br-].[Br-]</chem>

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

- 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.com/abpromise> or contact our technical team.

Terms and conditions

- 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