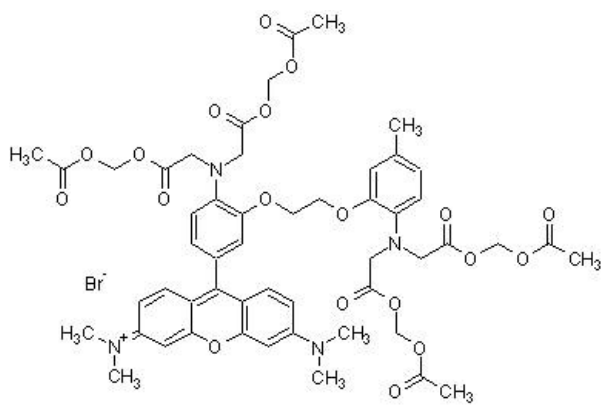


### Rhod-2 AM, fluorescent Ca<sup>2+</sup> indicator ab142780

★★★★★ [3 Abreviews](#) [20 References](#) [1 图像](#)

#### 概述

<b>产品名称</b>	Rhod-2 AM, fluorescent Ca <sup>2+</sup> indicator
<b>描述</b>	Cell-permeable fluorescent Ca <sup>2+</sup> indicator
<b>纯度</b>	> 93%
<b>常规说明</b>	The Ester Rhod-2 once hydrolyzed by cellular endogenous esterases will bind Ca <sup>2+</sup> and localizes to mitochondria,
<b>CAS编号</b>	145037-81-6
<b>化学结构</b>	

#### 性能

<b>激发</b>	552nm
<b>发射</b>	581nm
<b>化学名称</b>	9-[4-[Bis[2-[(acetyloxy)methoxy]-2-oxoethyl]amino]-3-[2-[2-[bis[2-[(acetyloxy)methoxy]-2-oxoethyl]amino]-5-methylphenoxy]ethoxy]phenyl]-3,6-bis(dimethylamino)xanthylum bromide
<b>分子量</b>	1123.96
<b>分子式</b>	C <sub>52</sub> H <sub>59</sub> BrN <sub>4</sub> O <sub>19</sub>
<b>PubChem识别号</b>	25229581
<b>存放说明</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>溶解度概述</b>	Soluble in DMSO to 1 mg/ml
<b>处理</b>	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.

For more information on AM esters please visit our [AM esters FAQ page](#).

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

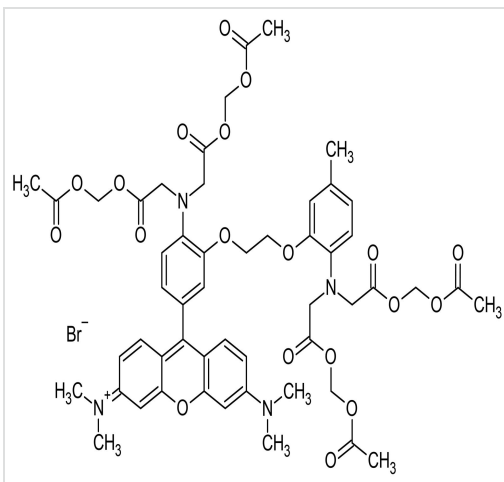
## SMILES

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CC1=CC(=C(C=C1)N(CC(=O)OCOC(=O)C)CC(=O)OCOC(=O)C)OCCOC2=CC(=C3C4=C(C=C(C=C4)N(C)C)OC5=C3C=CC(=C5)N(C)C)C=CC2=[N+](CC(=O)OCOC(=O)C)CC(=O)OCOC(=O)C.[Br-]
```

## 来源

Synthetic

## 图片



2D chemical structure image of ab142780, Rhod-2 AM, fluorescent Ca<sup>2+</sup> indicator

Chemical Structure - Rhod-2 AM, fluorescent Ca<sup>2+</sup> indicator (ab142780)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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