

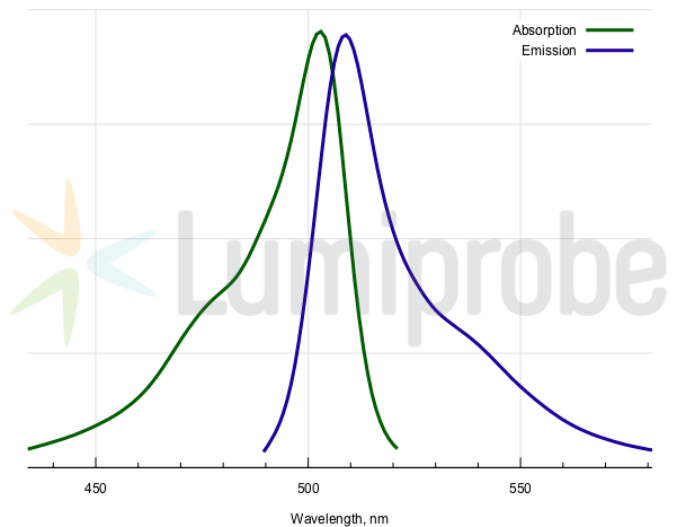
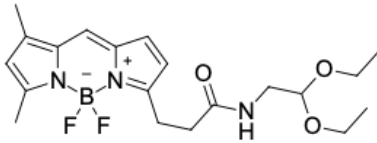
## BDP®-aminoacetaldehyde diethyl acetal (BAAA-DA)

<http://hk.lumiprobe.com/p/baaa-da-247069-93-8>

BDP®-aminoacetaldehyde diethyl acetal (BAAA-DA) is a stable precursor to BDP-aminoacetaldehyde (BAAA), a cell-permeant fluorescent substrate for aldehyde dehydrogenase (ALDH). Inside the cell, BAAA is converted by intracellular ALDH to BDP-aminoacetate (BAA), which accumulates in cells and can serve as an indicator of high ALDH activity.

BAAA-DA can be used for identifying, isolating, and sorting cells with high levels of ALDH, such as human hematopoietic progenitor cells and cancer stem cells.

BAA has an excitation maximum of 503 nm and an emission maximum of 509 nm.



外观: 橙色粉末

分子量:  
407.27

CAS 编号:  
247069-93-8

分子式:  
 $C_{20}H_{28}BF_2N_3O_3$

IUPAC 名称: (T-4)-[N-(2,2-diethoxyethyl)-5-[(3,5-dimethyl-2H-pyrrol-2-ylidene-kN)methyl]-1H-pyrrole-2-propanamidato-kN1]difluoro-boron

溶解度:  
乙腈、DCM、DMSO

质量控制:  
NMR  $^1H$  和 HPLC-MS (95+%)

储存条件:  
收到後在-20°C 黑暗環境下保存 24 個月。運輸: 室溫最多可保存3週。乾燥。避免長時間暴露在光線下。

法律声明:  
本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試, 且未經明示或暗示授權用於其他任何用途, 包括但不限於體外診斷、人類或動物用途, 以及商業用途。

激发/ 503

吸收  
极大  
值,  
纳米:

发射 509

极大  
值,  
纳米: