

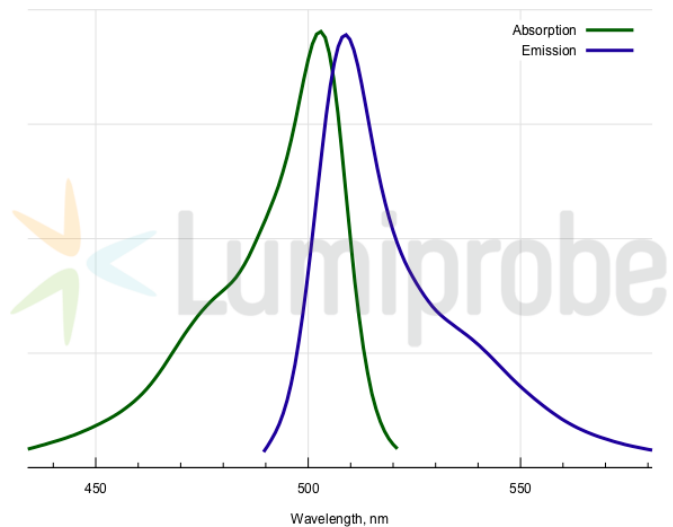
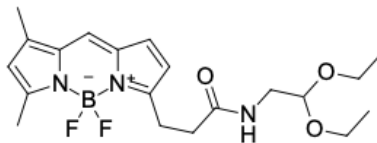
BDP®-aminoacetaldehyde diethyl acetal (BAAA-DA)

<http://cn.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 247069-93-8

编号:

分子
式: $C_{20}H_{28}BF_2N_3O_3$

IUPAC (T-4)-[N-(2,2-diethoxyethyl)-5-[(3,5-dimethyl-2H-pyrrol-2-ylidene-κN)methyl]-1H-pyrrole-2-propanamido-κN1]difluoro-boron
名称:

溶解
度: 乙腈、DCM、DMSO

质量
控制: NMR 1H 和 HPLC-MS (95+%)

储存
条件: 收到后在 $-20^{\circ}C$ 黑暗条件下可保存 24 个月。运输: 室温下最多可保存 3 周。干燥。避免长时间暴露在光线下。

法律
声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。

激发/ 503

吸收
极大
值,
纳米:

发射 509

极大
值,
纳米: