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美國

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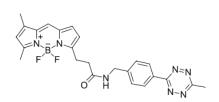
BDP® FL tetrazine

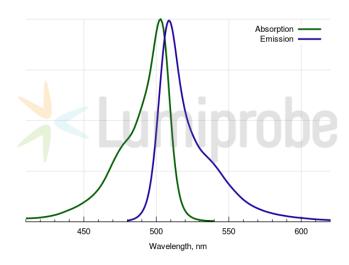
http://hk.lumiprobe.com/p/bdp-fl-tetrazine

Inverse electron demand Diels-Alder reaction (IEDDA) with tetrazines is a promising tool for the conjugation of biomolecules. The reaction takes place between tetrazine as an electron acceptor heterodiene, and a strained dienophile, such as transcyclooctene, cyclopropene, or some cyclooctynes.

Methyltetrazine provides greater stability in buffers than unsubstituted tetrazine. The rate of its reaction with cycloalkenes still beats almost all other conjugation reaction rates by a factor of magnitudes.

BDP FL is a bright dye for fluorescein (FAM) channel. Using BDP FL tetrazine, the dye can be conjugated with molecules bearing strained olefins.





外观: 紅色結晶固體

质谱 M+ 增量: 447.2 分子量: 475.3

CAS 编号: 2042193-77-9 分子式: C₂₄H₂₄N₇BF₂O

溶解度: 適合 DCM、DMSO、DMF 质量控制: NMR ¹H, HPLC-MS (95%)

储存条件: 儲存:收到後-20℃避光保存24個月。運輸:室溫最多可保存3週。避免長時間暴露在光線下。乾燥。

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/吸收极大值,纳米: 503 ε,摩尔吸光系数,cm⁻¹: 92000 发射极大值,纳米: 509 荧光量子产率: 0.97 CF₂₆₀: 0.015 CF₂₈₀: 0.027

BDP® 是 Lumiprobe 的商標