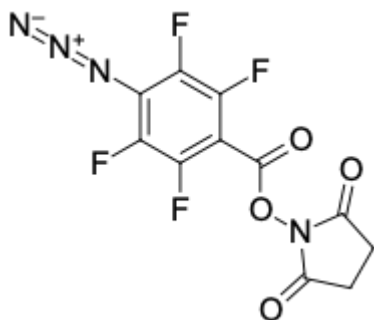


## ATFB SE (N-Succinimidyl 4-Azidotetrafluorobenzoate)

<http://cn.lumiprobe.com/p/n-succinimidyl-4-azidotetrafluorobenzoate-atfb-se>

N-Succinimidyl 4-Azido-2,3,5,6-tetrafluorobenzoate (ATFB SE, ATFB-OSu) is a photo-activatable linker used as a versatile labeling agent for investigating biological receptors and for direct coating the surfaces of carbon and organic-based polymers. Upon exposure to light (max. absorption at 258nm), ATFB produces stabilized nitrene intermediates that readily undergo insertion and addition reactions with nearby molecules in moderate to good yields.

This compound is an activated N-hydroxysuccinimide ester (NHS ester, SE) derivative that can react to almost any primary or secondary amine group of biomolecules, such as proteins and peptides, as well as to small-molecule amines.



外观: 白色固体或结晶粉末

分子 332.17

量:

CAS 126695-58-7

编号:

分子  $C_{11}H_4F_4N_4O_4$

式:

IUPAC (2,5-dioxopyrrolidin-1-yl) 4-azido-2,3,5,6-tetrafluorobenzoate

名称:

溶解 DMSO DMF、乙酸乙酯、氯化有机物

度:

质量 NMR  $^1H$  和 HPLC-MS (95+%)

控制:

储存 收到后 -20°C 避光保存 12 个月。运输: 室温下最多可保存3周。干燥。

条件:

法律 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。