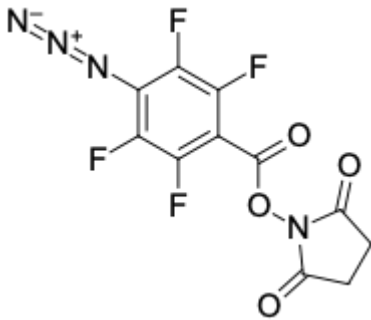


## ATFB SE (N-Succinimidyl 4-Azidotetrafluorobenzoate)

<http://hk.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: 白色固體或結晶粉末

分子量: 332.17

CAS 编号: 126695-58-7

分子式:  $C_{11}H_4F_4N_4O_4$

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

溶解度: DMSO DMF、乙酸乙酯、氯化有機物

质量控制: NMR  $^1H$  和 HPLC-MS (95+%)

储存条件: 收到後 -20°C 避光保存 12 個月。運輸: 室溫最多可保存3週。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。