

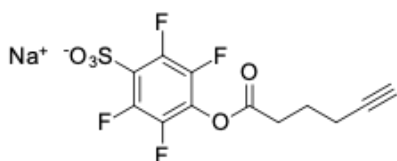
Hexynoic acid STP ester

<http://www.lumiprobe.com/p/hexynoic-acid-stp-ester>

Alkyne activated ester for the labeling of amine groups in proteins, peptides and other molecules bearing aliphatic amine functional groups.

Sulfotetrafluorophenyl (STP) esters are excellent alternatives to conventional N-hydroxysuccinimide (NHS) esters. Compared to NHS esters, STP esters provide better ratio of labeling to hydrolysis in aqueous environments.

Hexynoic acid fragment is a short linker with amine. For longer amine linkers, consider using Alkyne-PEG activated esters.



Structure of Hexynoic acid STP ester, sodium salt

General properties

Appearance:	white solid
Mass spec M+ increment:	94.04
Molecular weight:	362.23
Molecular formula:	C ₁₂ H ₇ F ₄ O ₅ Na
IUPAC name:	Sodium 4-(hex-5-ynoxy)-2,3,5,6-tetrafluorophenylsulfonate
Solubility:	good in water, DMF, DMSO
Quality control:	NMR ¹ H, HPLC-MS (95%)
Storage conditions:	Storage: 12 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.