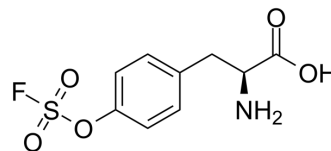


FSY-OSO2F

Cat. No.:	HY-163281
CAS No.:	1839622-49-9
Molecular Formula:	C ₉ H ₁₀ FNO ₅ S
Molecular Weight:	263.24
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FSY-OSO2F is used as an amino acid tracer for subcutaneous MCF-7 tumors after labeling with isotope ¹⁸F. FSY-OSO2F shows an uptake in MCF-7 cells through the regulation of L-Tyr, ASC, and ASC2 transporters. FSY-OSO2F visualizes the U78MG glioma labeled with ¹⁸F^[1].

REFERENCES

[1]. Huang Y, et al., Design of Novel ¹⁸F-Labeled Amino Acid Tracers Using Sulfur ¹⁸F-Fluoride Exchange Click Chemistry. ACS Med Chem Lett. 2024 Jan 25;15(2):294-301.

Caution: Product has not been fully validated for medical applications. For research use only.

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