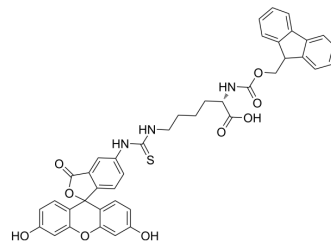


Fmoc-Lys(5-FITC)-OH

Cat. No.:	HY-147104
CAS No.:	1095493-05-2
Molecular Formula:	C ₄₂ H ₃₅ N ₃ O ₉ S
Molecular Weight:	757.81
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fmoc-Lys(5-FITC)-OH is a marker for polypeptides or proteins. FITC is a fluorescence probe for the labeling of amines. FITC is a pH- and Cu²⁺-sensitive fluorescence dye^{[1][2][3]}.

REFERENCES

- [1]. Ren C, et al. When molecular probes meet self-assembly: an enhanced quenching effect. *Angew Chem Int Ed Engl*. 2015 Apr 13;54(16):4823-7.
- [2]. Gao SG, et al. Phosphorylation of osteopontin has proapoptotic and proinflammatory effects on human knee osteoarthritis chondrocytes. *Exp Ther Med*. 2016 Nov;12(5):3488-3494. Epub 2016 Oct 5.
- [3]. Zhu X, et al. Ratiometric, visual, dual-signal fluorescent sensing and imaging of pH/copper ions in real samples based on carbon dots-fluorescein isothiocyanate composites. *Talanta*. 2017 Jan 1;162:65-71.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA