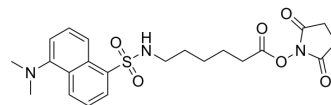


## DANSYL-X, SE

Cat. No.:	HY-D1645
CAS No.:	217176-82-4
Molecular Formula:	C <sub>22</sub> H <sub>27</sub> N <sub>3</sub> O <sub>6</sub> S
Molecular Weight:	461.53
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

DANSYL-X, SE is an environmentally sensitive hydrophobic dye (Excitation 333 nM; Emission 518 nM). DANSYL-X, SE can increase fluorescence intensity in hydrophobic environment<sup>[1][2]</sup>.

## REFERENCES

- [1]. Kyle A Cissell, et al. Molecular biosensing system based on intrinsically disordered proteins. *Anal Bioanal Chem.* 2008 Jul;391(5):1721-9.
- [2]. P. Sevilla, et al. Relevant Properties for Immobilizing Short Peptides on Biosurfaces. *IRBM*, Volume 38, Issue 5, October 2017, Pages 256-265.

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

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