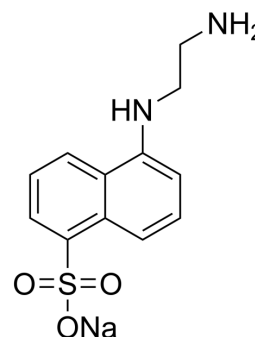


EDANS sodium

| | |
|--------------------|---|
| Cat. No.: | HY-D1079 |
| CAS No.: | 100900-07-0 |
| Molecular Formula: | C ₁₂ H ₁₃ N ₂ NaO ₃ S |
| Molecular Weight: | 288.3 |
| Target: | DNA Stain |
| Pathway: | Cell Cycle/DNA Damage |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

EDANS sodium is a potent fluorogenic substrates. EDANS sodium is a donor for FRET-based nucleic acid probes and protease substrates. EDANS sodium is often paired with DABCYL or DABSYL. The optimal absorbance and emission wavelengths of EDANS sodium are $\lambda_{abs} = 336$ nm and $\lambda_{em} = 490$ nm respectively^{[1][2]}.

REFERENCES

- [1]. Liu Y, et al. Use of a fluorescence plate reader for measuring kinetic parameters with inner filter effect correction. *Anal Biochem.* 1999 Feb 15;267(2):331-5.
- [2]. Guo J, et al. A simple, rapid and sensitive FRET assay for botulinum neurotoxin serotype B detection. *PLoS One.* 2014 Dec 1;9(12):e114124.

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

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