

FFN 270

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	FFN 270 is a fluorescent false neurotransmitter (FFN). Fluorescent substrate for NET and VMAT2. Labels noradrenergic neurons and their synaptic vesicles, and enables imaging of synaptic vesicle content release from specific axonal sites in vivo. Selectively labels NA neurons over other monoamine and CNS targets. Exhibits two resolved absorption/excitation maxima depending on solvent pH (excitation maxima: 320 nm or 365 nm, emission maxima: 475 nm).
Targets(IC50)	Others

Reference

Dunn et al (2018) Designing a norepinephrine optical tracer for imaging individual noradrenergic synapses and their activity in vivo . Nat.Commun. 9 2838 PMID: 30026491

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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