

## Norfentanyl-Biotin Conjugate

Catalog Number: 50627

Unit Size: 1 mg

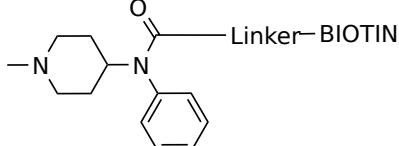
### Product Details

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Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	24 months upon receiving

### Chemical Properties

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Appearance	Solid off-white
Molecular Weight	690.90
Soluble In	DMSO
Chemical Structure	 The chemical structure shows a norfentanyl core (4-(N'-phenyl)piperidin-4-amine) linked via an amide group (-CONH-) to a biotin molecule. The biotin part consists of a five-membered imidazole ring attached to a four-membered thiazolidine ring, which is further attached to a propionic acid side chain. The core norfentanyl part is a piperidine ring with a phenyl group at the 4-position.

### Spectral Properties

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Excitation Wavelength	N/A
Emission Wavelength	N/A

### Applications

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Norfentanyl-Biotin is an excellent probe for developing assays and tests for detecting norfentanyl substances. AAT Bioquest offers the largest collection of streptavidin conjugates that can be used with Norfentanyl-Biotin for detecting norfentanyl substances. Norfentanyl is a monocarboxylic acid amide resulting from the formal condensation of the aryl amino group of 4-(N'-phenyl)piperidin-4-amine with propanoic acid, a major metabolite of fentanyl. It has a role as an opioid analgesic and a drug metabolite. It is an anilide, a member of piperidines and a monocarboxylic acid amide.