

monoMICAac biochemical

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CATALOG #
AAA227254

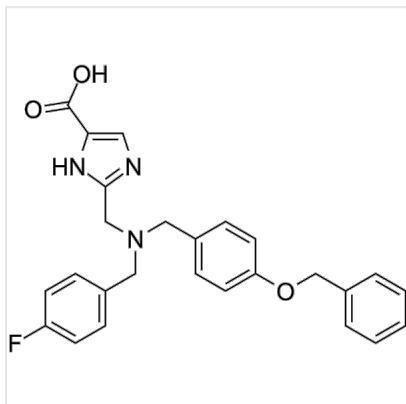
PRODUCT SYNONYMS

monoMICAac; monoMICAac biochemical

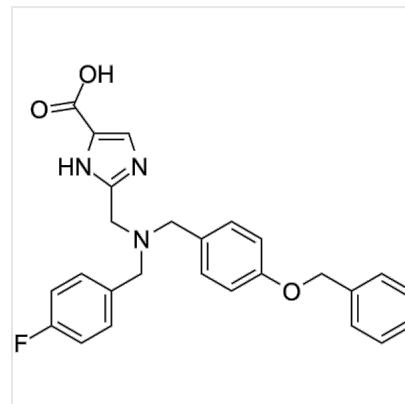
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Ethanol: 1 mg/mL
	DMSO:PBS (pH 7.2)(1:6): 0.1 mg/mL
	DMSO: 20 mg/mL
	DMF: 20 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
MMPI-1154, CAS 1382722-47-5



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ADDITIONAL INFORMATION

Related Product Information for monoMICAac biochemical	monoMICAac is a solvatochromic fluorescent pH probe. ¹ As the polarity of the solvent increases, the emission wavelength of monoMICAac increases. It displays excitation/emission maxima of 425/491, 437/515, and 472/554 nm in hexane, dioxane, and water, respectively. The absorption maximum of monoMICAac decreases with increasing pH. It displays absorbance/emission maxima of 475/553 and 446/553 nm at pH 3 and 11, respectively, in aqueous Britton-Robinson buffer, and the fluorescence intensity increases as pH decreases. monoMICAac can be used for live cell fluorescent applications.
References	1. Péter Bencsik, et al. Development of Matrix Metalloproteinase-2 Inhibitors for Cardioprotection.Front Pharmacol. 2018 Apr 5;9:296.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/monomicaac/227254>