

MXS biochemical

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CATALOG #
AAA227287

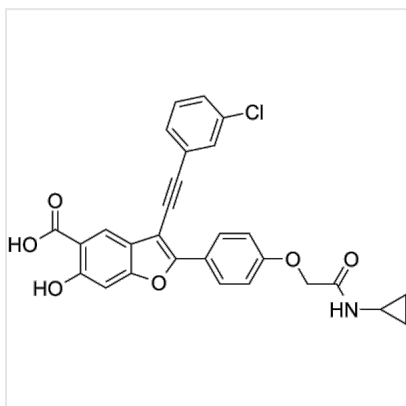
PRODUCT SYNONYMS

MXS; MXS biochemical

PRODUCT SPECIFICATIONS

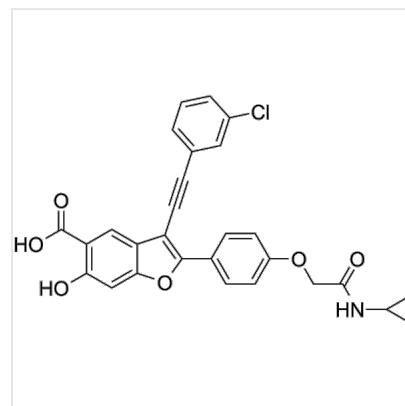
Purity/Purification	98%
Solubility	Ethanol: Slightly soluble
	DMF: 30 mg/mL
	DMSO:PBS (pH 7.2)(1:5): 0.16 mg/mL
	DMSO: 30 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

LYP-IN-1, CAS 1404436-51-6



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ADDITIONAL INFORMATION

Related Product Information for MXS biochemical	MXS is a mitochondria-targeted fluorescent probe for hypochlorous acid (HOCl). It selectively fluoresces in the presence of OCl ⁻ over O ₂ , H ₂ O ₂ , NO, NO ₂ ⁻ , NO ₃ ⁻ , O ₂ ⁻ , ONOO ⁻ , and OH when used at a concentration of 10 μM. MXS has been used to monitor real-time mitochondrial HOCl levels in living cells. It displays excitation/emission maxima of 530/654 nm, respectively.
References	1. A Potent and Selective Small-Molecule Inhibitor for the Lymphoid-Specific Tyrosine Phosphatase (LYP), a Target Associated With Autoimmune Diseases

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/mxs/227287>