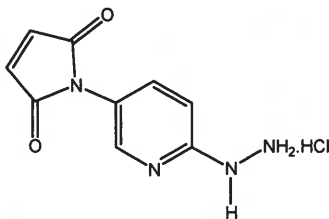


Product Data Sheet/Certificate of Analysis

MPPH (3-N-Maleimido-6-hydrazinumpyridine hydrochloride)


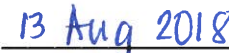
Storage: Store desiccated at $\leq -20^{\circ}\text{C}$. Protect from light.



$\text{C}_9\text{H}_8\text{N}_4\text{O}_2 \cdot \text{HCl}$ MW 240.6

Catalog Number:	S-1009-010 S-1009-BK	Unit Size:	1 x 10 mg Bulk Amount
Lot Number:	WOTL10494	Components:	MPPH

Test	Specification	Result
Appearance (color)	White to Pale Brown	Passed
Appearance (form)	Solid	Passed
^1H NMR	Conforms to structure	Passed
Mass Spec	Target Mass \pm 5 AMU	Passed
Solubility	>50mg/mL in DMF	Passed

QC Release Date:	08/13/2018	Expiration Date:	08/13/2020
Product Released By:	 QA		
	 Date		

Product Description

MPPH is used to convert thiol moieties on biomolecules and surfaces to 2-hydrazinopyridine moieties in a single step. 2-hydrazinopyridine-modified biomolecules then react to form stable conjugates in the presence of other 4FB (4-formylbenzamide)-modified biomolecules or surfaces.

Comments

Store desiccated at $\leq -20^{\circ}\text{C}$. Protect from light. Not for internal or external use in humans.