

MCLA [2-Methyl-6-(4-methoxyphenyl)-3,7-dihydroimidazo[1,2-a]pyrazin-3-one, hydrochloride] *CAS 128322-44-1*

Catalog number: 15250
Unit size: 1 mg

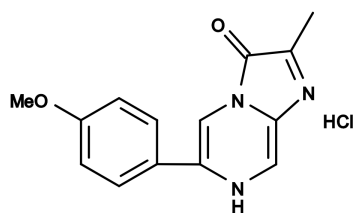
Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	291.73
Soluble In	DMSO

Chemical Structure



Applications

MCLA has been used to assess superoxide formation in a variety of conditions, including neutrophil and macrophage activation, cultured cells and vascular tissue. By using MCLA chemiluminescence, in vivo superoxide production has been reported from the surface of liver, intestine, heart and lung. MCLA-amplified chemiluminescence is also used to determine the extracellular superoxide production from spermatozoa.