

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

4-MUG, CAS [[6160-78-7]] FBM-10-3879

Article Name	4-MUG, CAS [[6160-78-7]]
Biozol Catalog Number	FBM-10-3879
Supplier Catalog Number	10-3879
Alternative Catalog Number	FBM-10-3879-250MG,FBM-10-3879-1G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	beta-Galactosidase fluorogenic substrate...
Molecular Weight	338.31
Purity	97% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[6160-78-7]
Formula	C ₁₆ H ₁₈ O ₈
Application Notes	Versatile fluorogenic substrate for β-galactosidase ¹ for use in cell extracts or purified enzyme preparations. ¹⁻³ May be used as a fluorescent probe for identification of senescent cells based on lysosomal β-galactosidase activity. ^{4,5} This substrate produces a water soluble blue fluorescent coumarin fluorophore. Ex: 342 nm, Em: 441 nm