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Product Datasheet

Ethylidene-4-nitrophenyl- α -D-Maltoheptaoside, CAS [[96597-16-9]] BYT-ORB1983490

Article Name	Ethylidene-4-nitrophenyl- α -D-Maltoheptaoside, CAS [[96597-16-9]]
Biozol Catalog Number	BYT-ORB1983490
Supplier Catalog Number	orb1983490
Alternative Catalog Number	BYT-ORB1983490-1, BYT-ORB1983490-10, BYT-ORB1983490-25
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Ethylidene-4-nitrophenyl- α -D-maltoheptaoside (pNP-G7) is a chromogenic substrate specifically hydrolyzed by α -amylase, enabling the quantification of enzymatic activity. It is widely used in vitro for biochemical assays in fields like enzymol...
Molecular Weight	1300.13
Purity	99.97% (May vary between batches)
CAS Number	[96597-16-9]
Formula	C ₅₀ H ₇₇ N ₃ O ₃₈
Target	Amylase,Others
Application Notes	Solubility: DMSO:80 mg/mL (61.53 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (2.54 mM)