

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

Product Datasheet

SM-88

FBM-10-4647

Article Name	SM-88
Biozol Catalog Number	FBM-10-4647
Supplier Catalog Number	10-4647
Alternative Catalog Number	FBM-10-4647-10MG,FBM-10-4647-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Tyrosine metabolism inhibitor...
Molecular Weight	231.68
Purity	>98% by TLC (NMR Conforms)
Form	Off-white solid
CAS Number	[30625-05-9]
Formula	C10H13NO3HCl
Application Notes	A "dysfunctional tyrosine mimetic. It is taken up by cancer cells and disrupts tyrosine-mediated metabolic pathways including synthesis of the important protein mucin-1 leading to oxidative stress. ¹ In clinical trials with melanin, phenytoin, and sirolimus (SMK therapy) for use in advanced metastatic cancer ² , in combination with methoxsalen, phenytoin, and sirolimus (MPS therapy) for prostate cancer ³ , and as monotherapy for metastatic pancreatic cancer ⁴ . It is also an inhibitor of tyrosine hydroxylase resulting in a reduction of catecholamines and their metabolites. ⁵