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## Product Datasheet

### SM-88 FBM-10-4647

Artikelname	SM-88
Artikelnummer	FBM-10-4647
Hersteller Artikelnummer	10-4647
Alternativnummer	FBM-10-4647-10MG,FBM-10-4647-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Tyrosine metabolism inhibitor...
Molekulargewicht	231.68
Reinheit	>98% by TLC (NMR Conforms)
Formulierung	Off-white solid
CAS Nummer	[30625-05-9]
Formel	C10H13NO3HCl
Anwendungsbeschreibung	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. <sup>1</sup> In clinical trials with melanin, phenytoin, and sirolimus (SMK therapy) for use in advanced metastatic cancer <sup>2</sup> , in combination with methoxsalen, phenytoin, and sirolimus (MPS therapy) for prostate cancer <sup>3</sup> , and as monotherapy for metastatic pancreatic cancer <sup>4</sup> . It is also an inhibitor of tyrosine hydroxylase resulting in a reduction of catecholamines and their metabolites. <sup>5</sup>