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Product Datasheet

DPN, CAS [[1428-67-7]] FBM-10-2909

Article Name	DPN, CAS [[1428-67-7]]
Biozol Catalog Number	FBM-10-2909
Supplier Catalog Number	10-2909
Alternative Catalog Number	FBM-10-2909-5MG,FBM-10-2909-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Estrogen ERbeta agonist...
Molecular Weight	239.27
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[1428-67-7]
Formula	C15H13NO2
Application Notes	Potent estrogen ERbeta receptor agonist. Displays a 70-fold selectivity over ERalpha, EC50 = 0.85 and 66 nM, respectively. ¹ Regulates expression of GluR1, 2 and 3 in rat hippocampus. ² Ameliorates portal hypertension in a carbon tetrachloride-induced liver cirrhosis rat model. ³ Stimulates proliferation of androgen-independent prostate cancer cell line PC-3 via a novel pathway involving ERbeta-mediated activation of beta-catenin. ⁴ A useful tool for elucidating the biological function of ERbeta. ⁵