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## Product Datasheet

### **PB28 dihydrochloride, CAS [[172907-03-8]] FBM-10-4665**

Article Name	PB28 dihydrochloride, CAS [[172907-03-8]]
Biozol Catalog Number	FBM-10-4665
Supplier Catalog Number	10-4665
Alternative Catalog Number	FBM-10-4665-5MG,FBM-10-4665-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	High affinity sigma 2 ligand / Anti-SARS-COV2...
Molecular Weight	443.50
Purity	99% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[172907-03-8]
Formula	C <sub>24</sub> H <sub>38</sub> N <sub>2</sub> O <sub>2</sub> HCl
Application Notes	PB28 is a very potent high affinity (K <sub>i</sub> = 5.3 nM <sub>1</sub> , 0.34 nM <sub>2</sub> ) sigma 2 agonist. Selective for sigma 2 over sigma <sub>1</sub> (approx 30-40x). <sup>1,2</sup> PB28 inhibited cell growth in MCF7 and MCF7 ADR breast cancer cells and displayed strong synergism with doxorubicin. <sup>3</sup> PB28