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## Product Datasheet

### Fluoxetine HCl, CAS [[56296-78-7]] FBM-10-2728

Article Name	Fluoxetine HCl, CAS [[56296-78-7]]
Biozol Catalog Number	FBM-10-2728
Supplier Catalog Number	10-2728
Alternative Catalog Number	FBM-10-2728-100MG, FBM-10-2728-1G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Serotonin reuptake inhibitor...
Molecular Weight	345.79
Purity	98% by TLC NMR (conforms)
Form	White solid
CAS Number	[56296-78-7]
Formula	C17H18F3NO HCl
Application Notes	A selective serotonin reuptake inhibitor (SSRI) with high selectivity for the serotonin transporter ( $K_d=0.81$ nM) over the norepinephrine ( $K_d=240$ nM) and dopamine ( $K_d=3.6$ M) transporters. <sup>1</sup> A clinically useful antidepressive agent. <sup>2</sup> Has shown some potential in autism spectrum disorders. <sup>3</sup> Attenuates neuroinflammation in early brain injury after subarachnoid hemorrhage. <sup>4</sup> Orally active and active in vivo. Increases proliferation of neuronal precursors derived from human embryonic stem cells, inducing differentiation and strongly enhancing neuronal characteristics. <sup>5</sup>