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## Product Datasheet

### WS6, CAS [[1421227-53-3]]

### FBM-10-5666

Article Name	WS6, CAS [[1421227-53-3]]
Biozol Catalog Number	FBM-10-5666
Supplier Catalog Number	10-5666
Alternative Catalog Number	FBM-10-5666-5MG, FBM-10-5666-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Stimulates pancreatic beta-cell proliferation...
Molecular Weight	568.60
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white to beige solid
CAS Number	[1421227-53-3]
Formula	C29H31F3N6O3
Application Notes	Stimulates human beta-cell proliferation both in a dispersed islet proliferation assay and in intact human cultures. <sup>1</sup> It has been shown to induce both alpha- and beta-cell proliferation. <sup>2</sup> May lead to the development of new therapeutics for diabetes. <sup>3</sup> Induces adult hippocampal neurogenesis correlating with its antidepressant effect in a rat model of chronic unpredictable mild stress-induced depression. <sup>4</sup> Has been used together with TTNPB and azakenpaullone, as a defined chemical cocktail to induce mouse totipotent stem cells. <sup>5</sup> Cell permeable.