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## Product Datasheet

### **Bedaquiline, CAS [[843663-66-1]] FBM-10-4403**

Article Name	Bedaquiline, CAS [[843663-66-1]]
Biozol Catalog Number	FBM-10-4403
Supplier Catalog Number	10-4403
Alternative Catalog Number	FBM-10-4403-5MG,FBM-10-4403-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antituberculosis / SARS-CoV2 3CLpro inhibitor...
Molecular Weight	555.50
Purity	99% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[843663-66-1]
Formula	C <sub>32</sub> H <sub>31</sub> BrN <sub>2</sub> O <sub>2</sub>
Application Notes	Bedaquiline is a clinically useful antituberculosis agent that is active (MICs 0.030 to 0.120 µg/mL) against multi-drug resistant strains. <sup>1</sup> It interferes with mycobacterial energy metabolism via binding to the oligomeric subunit c (AtpE) <sup>2</sup> and subunit 3 of ATP synthase inhibiting ATP production. <sup>4</sup> Bedaquiline has recently been found to be an inhibitor (IC <sub>50</sub> = 18.7 µM) of the SARS-CoV-2 main protease, 3CLpro. <sup>5</sup>