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## Product Datasheet

### Linopirdine dihydrochloride FBM-10-4654

Article Name	Linopirdine dihydrochloride
Biozol Catalog Number	FBM-10-4654
Supplier Catalog Number	10-4654
Alternative Catalog Number	FBM-10-4654-5MG,FBM-10-4654-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Kv7 blocker...
Molecular Weight	464.39
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[113168-57-3]
Formula	C <sub>26</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> HCl
Application Notes	Linopirdine increases acetylcholine release and improves performance in animal models of learning and memory via blockade of Kv7 (KCNQ) voltage-gated potassium channels. <sup>1-3</sup> Linopirdine is a state-dependent blocker favoring activated single subunits of the channel. <sup>4</sup> It has also been shown to act as an agonist of TRPV1. <sup>5</sup>