

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **ML297, CAS [[1443246-62-5]] FBM-10-1469**

Article Name	ML297, CAS [[1443246-62-5]]
Biozol Catalog Number	FBM-10-1469
Supplier Catalog Number	10-1469
Alternative Catalog Number	FBM-10-1469-5MG, FBM-10-1469-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GIRK activator...
Molecular Weight	328.32
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[1443246-62-5]
Formula	C17H14F2N4O
Application Notes	Selective GIRK (Kir3.1/3.2) channel activator, IC50 = 160, 887 and 914 nM for GIRK1/2, GIRK1/4 and GIRK1/3 respectively. Has no effect on GIRK2, GIRK2/3, Kir2.1 and Kv7.4 channels. <sup>1,2</sup> Displays antiseizure activity <sup>2</sup> and decreases anxiety-related behavior without sedative or addictive effects <sup>3</sup> . Reduces glucose- and IBMX-stimulated GLP-1 secretion with no effect on GIP in murine L and K cells. <sup>4</sup> Brain penetrant.