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Product Datasheet

Isopimaric acid FBM-10-5487

Article Name	Isopimaric acid
Biozol Catalog Number	FBM-10-5487
Supplier Catalog Number	10-5487
Alternative Catalog Number	FBM-10-5487-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Potassium channel activator...
Molecular Weight	302.45
Purity	98% by GC, TLC NMR (conforms)
Form	White solid
CAS Number	[5835-26-7]
Formula	C20H30O2
Application Notes	Terpenoid acid that activates BK (voltage-gated potassium) channels when used at 10 µM in HEK293 cells. ¹ Improves spatial and non-spatial memory in Alzheimers mouse model ^{2,3} , and significantly improves motor function in a rat spinal cord injury model ⁴ . Reduces hyperactivity of spontaneously active auditory networks, EC50=7.8 M. ⁵