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Product Datasheet

Azoramide FBM-10-4629

Article Name	Azoramide
Biozol Catalog Number	FBM-10-4629
Supplier Catalog Number	10-4629
Alternative Catalog Number	FBM-10-4629-10MG,FBM-10-4629-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	UPR modulator...
Molecular Weight	308.83
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[932986-18-0]
Formula	C15H17CIN2OS
Application Notes	Azoramide is a modulator of the unfolded protein response (UPR). ¹ It improves endoplasmic reticulum (ER) protein folding and activates ER chaperone capacity to protect cells against ER stress. It displayed potent anti-diabetic activity in two mouse models by improving insulin sensitivity and pancreatic beta cell function. Azoramide increased SERCA expression leading to enhanced calcium retention in the ER indicating calcium homeostasis as a possible mechanism for its anti-diabetic activity.