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Product Datasheet

N-Oleoylphenylalanine FBM-10-1602

Artikelname	N-Oleoylphenylalanine
Artikelnummer	FBM-10-1602
Hersteller Artikelnummer	10-1602
Alternativnummer	FBM-10-1602-5MG,FBM-10-1602-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Endogenous uncoupler of mitochondrial respiration...
Molekulargewicht	429.64
Reinheit	99% by TLC, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[136560-78-6]
Formel	C27H43NO3
Anwendungsbeschreibung	An endogenous lipoamino acid produced via the action of a secreted enzyme PM20D1 produced by adipocytes. N-Oleoylphenylalanine binds directly to mitochondria and functions as an endogenous uncoupler of UCP1-independent respiration and is the most potent in the group of structurally different lipoamino acids evaluated. Mice treated with an analog, C18-1-Leu, were found to have improved glucose homeostasis and increased energy expenditure. ¹