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Product Datasheet

N-Oleoylphenylalanine FBM-10-1602

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| 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 |