

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

VY-3-135, CAS [[1824637-41-3]] FBM-10-4096

Artikelname	VY-3-135, CAS [[1824637-41-3]]
Artikelnummer	FBM-10-4096
Hersteller Artikelnummer	10-4096
Alternativnummer	FBM-10-4096-5MG,FBM-10-4096-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Acetyl-CoA synthetase 2 inhibitor...
Molekulargewicht	429.52
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Off-white to pale yellow solid
CAS Nummer	[1824637-41-3]
Formel	C ₂₆ H ₂₇ N ₃ O ₃
Anwendungsbeschreibung	Potent (IC ₅₀ = 44 nM) and selective inhibitor of acetyl-CoA synthetase 2 (ACSS2), an enzyme that is upregulated in nutrient-stressed cancer cells. ¹ It completely blocked fatty acid synthesis from acetate in SKBR3 breast cancer cells. VY-3-135 caused growth inhibition of mouse and human triple negative breast cancer cells that expressed high levels of ACSS2 but not those that expressed low levels. It displayed no effects on gene regulation.