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Product Datasheet

1-O-Acetylbritannilactone, CAS [[33627-41-7]] FBM-10-4334

Article Name	1-O-Acetylbritannilactone, CAS [[33627-41-7]]
Biozol Catalog Number	FBM-10-4334
Supplier Catalog Number	10-4334
Alternative Catalog Number	FBM-10-4334-1MG,FBM-10-4334-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Anti-neuroinflammatory agent...
Molecular Weight	308.37
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[33627-41-7]
Formula	C17H24O5
Application Notes	1-O-Acetylbritannilactone is a natural product with anti-inflammatory and anti-allergic properties that is extracted from the flowers of Inula japonica and Inula britannica. ^{1,2} It inhibits angiogenesis and lung cancer cell growth via regulation of VEGF signaling. ^{3,4} 1-O-acetylbritannilactone suppressed microglial activation by regulating inflammation and autophagy to ameliorate LPS-mediated neuroinflammation via targeting of PDZ binding kinase (PBK). ⁵