

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

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 <i>Inula japonica</i> and <i>Inula britannica</i> . ^{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 |