

Product Information

Oxyberberine

Cat. No.: X23-04-XQ271

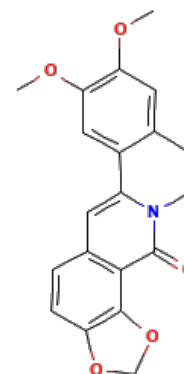
Size: 10 mg; 20 mg; 50 mg; 100 mg

CAS Number: 19716-60-0

Compound CID: 12799036

Synonym: 19716-60-0; Oxyepiberberine; 8-Oxoepiberberine

This product is for research use only and is not intended for diagnostic use.



Product Information

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| Description | Oxyberberine, a novel gut microbiota-mediated metabolite of berberine, possesses a superior anti-colitis effect. |
| Molecular Weight | 351.4 |
| Molecular Formula | C ₂₀ H ₁₇ NO ₅ |
| IUPAC Name | 16,17-Dimethoxy-5,7-dioxa-1-azapentacyclo[11.8.0.0.3,11.0.4,8.0.14,19]henicosa-3(11),4(8),9,12,14,16,18-heptaen-2-one |
| InChI | InChI=1S/C20H17NO5/c1-23-16-8-11-5-6-21-14(13(11)9-17(16)24-2)7-12-3-4-15-19(26-10-25-15)18(12)20(21)22/h3-4,7-9H,5-6,10H2,1-2H3 |
| InChI Key | PJTYPIGQKDTERS-UHFFFAOYSA-N |
| Canonical SMILES | COC1=C(C=C2C(=C1)CCN3C2=CC4=C(C3=O)C5=C(C=C4)OCO5)OC |
| Purity | >98%, determined by HPLC. |
| Identity | Confirmed by NMR and MS. |
| Stability | The product is stable for two years when stored at the recommended temperature. |
| Applications | Oxyberberine can be used for anti-colitis effect experiments, etc. |
| Storage | Store at 4°C. Protect from light. |

Safety Information

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| Personal Protective Equipment | Gloves, eyeshields, N95 mask |
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CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
