

Product Datasheet

(E)-5-O-Cinnamoylquinic acid (orb1297130)

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|--------------------------|---|
| Catalog Number | orb1297130 |
| Category | Small Molecules |
| Description | 5-O-Cinnamoylquinic acid is a naturally occurring chlorogenic acid derivative. It is utilized in research for its potential antioxidant and anti-inflammatory properties, with applications in metabolic and pharmacological studies conducted in both in vitro and in vivo models. |
| Target | Others |
| Purity | 99.66% (May vary between batches) |
| MW | 322.31 |
| Target Areas | Others |
| Solubility (25°C) | DMSO:55 mg/mL (170.64 mM) |
| CAS Number | 6470-68-4 |
| Formula | C ₁₆ H ₁₈ O ₇ |
| SMILES | <chem>O(C(/C=C/C1=CC=CC=C1)=O)[C@H]2C[C@@](C(O)=O)(O)C[C@H](O)[C@H]2O</chem> |
| Storage | Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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