

## Product Data Sheet

Product Name: 1,3,5-Tricaffeoylquinic acid

Cat. No.: GC35035

### Chemical Properties

Cas. No. 1073897-80-9

SMILES OC1=C(O)C=CC(/C=C/C(O[C@@]2(C[C@H]([C@H](O)[C@H](OC(/C=C/C3=CC(O)=C(O)C=C3)=O)C2)OC(/C=C/C4=CC(O)=C(O)C=C4)=O)C(O)=O)=O=C1

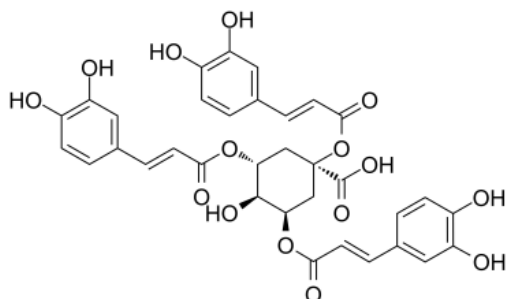
Formula  $C_{34}H_{30}O_{15}$  M.Wt 678.59

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



### Background

1,3,5-Tricaffeoylquinic acid is a tricaffeoylquinic acid derivative isolated from *H. populifolium* with anti-HIV effect[1].

[1]. Heyman HM, et al. Identification of anti-HIV active dicaffeoylquinic- and tricaffeoylquinic acids in *Helichrysum populifolium* by NMR-based metabolomic guided fractionation. *Fitoterapia*. 2015 Jun;103:155-64.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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