
Product Data Sheet

Product Name: N-Caffeoylputrescine,(E)-

Cat. No.: GC36672

Chemical Properties

Cas. No. 29554-26-5

SMILES O=C(NCCCCN)/C=C/C1=CC=C(O)C(O)=C1Formula $C_{13}H_{18}N_2O_3$

M.Wt 250.29

Solubility DMSO : 100 mg/mL (399.54 mM; Need ultrasonic) Storage Store at -20°C

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

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

Structure **Background**

N-Caffeoylputrescine,(E)- is a caffeic acid amide found in the tobacco plants (*Nicotiana tabacum* L.)[1].

[1]. Camacho-Cristóbal JJ, et al. Boron deficiency causes accumulation of chlorogenic acid and caffeoyl polyamine conjugates in tobacco leaves. *J Plant Physiol.* 2004 Jul;161(7):879-81.

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

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