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**Product Data Sheet**

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Product Name: Quercetin 3,7-dimethyl ether

Cat. No.: GC60315

**Chemical Properties**

Cas. No. 2068-02-2

SMILES O=C1C(OC)=C(C2=CC=C(O)C(O)=C2)OC3=CC(OC)=CC(O)=C13Formula C<sub>17</sub>H<sub>14</sub>O<sub>7</sub>

M.Wt

330.29

Solubility

Storage

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**

Quercetin 3,7-dimethyl ether<sup>[1]</sup> isolated from *Croton schiedeanus* Schlecht<sup>[1]</sup> has a NO/cGMP pathway-related profile, with increased vasorelaxant activity<sup>[1]</sup>.

[1]. M F Guerrero, et al. Quercetin 3,7-dimethyl Ether: A Vasorelaxant Flavonoid Isolated From *Croton Schiedeanus* Schlecht. *J Pharm Pharmacol.* 2002 Oct;54(10):1373-8.

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

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