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**Product Data Sheet**

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Product Name: Hellebrigenin

Cat. No.: GC64786

**Chemical Properties**

Cas. No. 465-90-7

Formula C<sub>24</sub>H<sub>32</sub>O<sub>6</sub> M.Wt 416.51

Solubility Storage 4°C, away from moisture and light

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**

Hellebrigenin, one of bufadienolides belonging to cardioactive steroids, is isolated from traditional Chinese medicine Venenum Bufonis. Hellebrigenin induces DNA damage and cell cycle G2/M arrest. Hellebrigenin triggers mitochondria-mediated apoptosis.

[1]. Deng LJ, et al. Hellebrigenin induces cell cycle arrest and apoptosis in human hepatocellular carcinoma HepG2 cells through inhibition of Akt. Chem Biol Interact. 2014 Aug 5;219:184-94.

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

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