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**Product Data Sheet**

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Product Name: Uralenol  
Cat. No.: GC70095

**Chemical Properties**

Cas. No. 139163-15-8

Formula C<sub>20</sub>H<sub>18</sub>O<sub>7</sub> M.Wt 370.35

Solubility Storage 4°C, protect from 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**

Uralenol is a natural **PTP1B** inhibitor (**IC<sub>50</sub>**=21.5 μM) from *Broussonetia papyrifera*. PTP1B have been shown to play a major role in the dephosphorylation of the insulin receptor in many cellular and biochemical studies<sup>[1]</sup>.

[1]. Chen RM, et al. Natural PTP1B inhibitors from *Broussonetia papyrifera*. *Bioorg Med Chem Lett.* 2002;12(23):3387-3390.

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

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