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## Product Data Sheet

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Product Name: 7-Methoxy obtusifolin

Cat. No.: GC68578

**Chemical Properties**

Cas. No. 1820806-09-4

Formula  $C_{17}H_{14}O_6$  M.Wt 314.29Solubility Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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**IC<sub>50</sub>: 7.0  $\mu M$  (Tyrosinase)<sup>[1]</sup>

7-Methoxy obtusifolin (Compound 4) is a competitive **tyrosinase** inhibitor with an **IC<sub>50</sub>** of 7.0  $\mu M$ <sup>[1]</sup>.

7-Methoxy obtusifolin (Compound 4; 10  $\mu M$ ; 48 h)  $\square\square$   $\alpha$ -MSH  $\square\square$  B16F10  $\square\square\square\square\square\square$ <sup>[1]</sup> $\square$

7-Methoxy obtusifolin (10  $\mu M$ ; 48 h)  $\square\square\square$  TRP-2  $\square\square\square\square\square\square\square$ <sup>[1]</sup> $\square$

[1]. Lee GY, et al. Tyrosinase inhibitory components from the seeds of Cassia tora. Arch Pharm Res. 2018 May;41(5):490-496.

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

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