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**Product Data Sheet**

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Product Name: AM 12  
Cat. No.: GC50475

**Chemical Properties**

Cas. No. 2387510-84-9

SMILES OC1=CC(O)=C2C(OC(C3=C(Br)C=CC=C3)=C(C2=O)O)=C1

Formula C<sub>15</sub>H<sub>9</sub>BrO<sub>5</sub> M.Wt 349.14

Solubility Soluble in DMSO 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**

TRPC5 inhibitor (IC<sub>50</sub> = 0.28 μM); Galangin derivative. Exhibits some selectivity for TRPC5 over TRPC2, 3 and 4. Inhibits effects of TRPC5 activator (-)-Englerin A, but potentiates effects of physiological activators Sphingosine-1-phosphate and LPC.

Naylor et al (2016) Natural and synthetic flavonoid modulation of TRPC5 channels. Br.J.Pharmacol. 173 562 PMID:26565375

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA