

6-Methylflavone

Catalog No: **tcsc0040251**



Available Sizes

Size: 100mg



Specifications

CAS No:

29976-75-8

Formula:

$C_{16}H_{12}O_2$

Pathway:

Neuronal Signaling; Membrane Transporter/Ion Channel

Target:

GABA Receptor; GABA Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

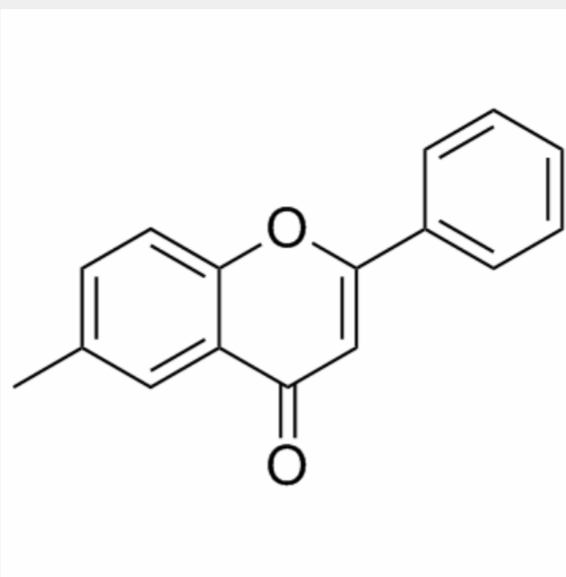
236.27

Product Description

6-methylflavone is an activator of $\alpha_1\beta_2\gamma_{2L}$ and $\alpha_1\beta_2$ **GABA_A** receptors.

IC50 & Target: $\alpha_1\beta_2\gamma_{2L}$ GABA_A receptor, $\alpha_1\beta_2$ GABA_A receptor^[1]

In Vitro: 6-methylflavone is an activator of $\alpha_1\beta_2\gamma_{2L}$ and $\alpha_1\beta_2$ GABA_A receptors. 6-Methylflavone enhances the normal response to GABA at recombinant $\alpha_1\beta_2\gamma_{2L}$ and $\alpha_1\beta_2$ GABA_A receptors (P50 at $\alpha_1\beta_2\gamma_{2L}$ GABA_A receptors by 33±5.4%^[1]).



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!