

## Product Datasheet

# 5-Hydroxy-2',3,4',7-tetramethoxyflavone (orb1296850)

<b>Catalog Number</b>	orb1296850
<b>Category</b>	Small Molecules
<b>Description</b>	This compound is a weak inhibitor of the ABCG2 transporter, exhibiting IC50 values of 3.27 $\mu$ M and 3.89 $\mu$ M in Hoechst 33342 and pheophorbide A efflux assays, respectively. It is a useful research tool for studying multidrug resistance mechanisms and modulating drug bioavailability in cellular models.
<b>Target</b>	ABC Transporter,BCRP
<b>Purity</b>	98.50%
<b>MW</b>	358.34
<b>CAS Number</b>	19056-75-8
<b>Formula</b>	C <sub>19</sub> H <sub>18</sub> O <sub>7</sub>
<b>SMILES</b>	<chem>O=C1C(OC)=C(OC=2C=C(OC)C=C(O)C12)C=3C=CC(OC)=CC3OC</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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