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<b>Product Name</b>	: S-(4-Hydroxybenzyl)glutathione
<b>Synonyms</b>	: L-γ-Glutamyl-S-[(4-hydroxyphenyl)methyl]; S-(4-Hydroxybenzyl)glutathione
<b>Cat No.</b>	: M29436
<b>CAS Number</b>	: 129636-38-0
<b>Molecular Formula</b>	: C <sub>17</sub> H <sub>23</sub> N <sub>3</sub> O <sub>7</sub> S
<b>Formula Weight</b>	: 413.5
<b>Chemical Name</b>	: —
<b>Description</b>	: L-γ-Glutamyl-S-[(4-hydroxyphenyl)methyl] was isolated as the major principle responsible for the inhibition of the in vitro binding of kainic acid to brain glutamate receptors by water extracts of the plant <i>Gastrodia elata</i> . (In Vitro): L-γ-Glutamyl-S-[(4-hydroxyphenyl)methyl] inhibits specific [ <sup>3</sup> H]kainic acid binding to brain glutamate receptors with IC <sub>50</sub> of 2 μM. The affinity (IC <sub>50</sub> value) of the compound is slightly lower compared to glutamate and glutathione.
<b>Pathway</b>	: Neuroscience
<b>Target</b>	: GluR
<b>Receptor</b>	: GluR
<b>Solubility</b>	: —
<b>SMILES</b>	: N[C@@H](CCC(N[C@@H](CSCc1ccc1O)C(NCC(=O)=O)=O)=O)C(=O)=O
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	: