

Product Name	: S-(4-Hydroxybenzyl)glutathione
Synonyms	: L-γ-Glutamyl-S-[(4-hydroxyphenyl)methyl]; S-(4-Hydroxybenzyl)glutathione
Cat No.	: M29436
CAS Number	: 129636-38-0
Molecular Formula	: C17H23N3O7S
Formula Weight	: 413.5
Chemical Name	: —
Description	: 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 [³ H]kainic acid binding to brain glutamate receptors with IC ₅₀ of 2 μM. The affinity (IC ₅₀ value) of the compound is slightly lower compared to glutamate and glutathione.
Pathway	: Neuroscience
Target	: GluR
Receptor	: GluR
Solubility	: —
SMILES	: <chem>N[C@@H](CCC(N[C@@H](CSCc1ccc(O)cc1)C(NCC(=O)=O)=O)C(=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: