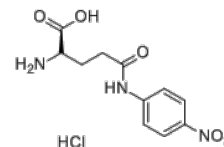


Product Name : L-g-glutamyl-p-nitroanilide hydrochloride
Cat. No. : PC-61185
CAS No. : 67953-08-6
Molecular Formula : C₁₁H₁₄ClN₃O₅
Molecular Weight : 303.699
Target : Glutamate Transporter
Solubility : 10 mM in DMSO



Biological Activity

L-g-glutamyl-p-nitroanilide hydrochloride (GPNA hydrochloride) is a potent, competitive inhibitor of the neutral amino acid transporter **ASCT2** (SLC1A5) with pKa of 13.79.

References

Esslinger CS, et al. Bioorg Med Chem. 2005 Feb 15;13(4):1111-8.

Gao M, et al. Mol Cell. 2015 Jul 16;59(2):298-308.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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