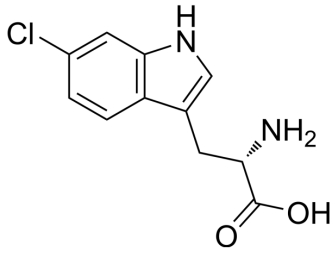
6-Chloro-L-tryptophan

Cat. No.:	HY-W050025
CAS No.:	33468-35-8
Molecular Formula:	$C_{11}H_{11}ClN_2O_2$
Molecular Weight:	238.67
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	6-Chloro-L-tryptophan is a Tryptophan derivative. 6-Chloro-L-tryptophan can be used as a substrate for KtzQ[1].
In Vitro	6-Chloro-L-tryptophan (0-500 μM) exhibits no inhibitory effect on D-amino acid oxidase (DAO)[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Heemstra JR Jr, et al. Tandem action of the O2- and FADH2-dependent halogenases KtzQ and KtzR produce 6,7-dichlorotryptophan for kutzneride assembly. J Am Chem Soc. 2008 Oct 29;130(43):14024-5.

[2]. Iwasaki M, et al. A high-performance liquid chromatography assay with a triazole-bonded column for evaluation of d-amino acid oxidase activity. Biomed Chromatogr. 2016 Mar;30(3):384-9.

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