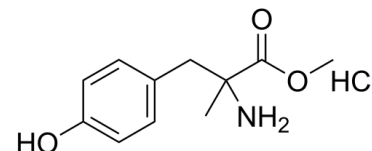


Data Sheet

Product Name:	α-Methyltyrosine methyl ester (hydrochloride)
Cat. No.:	CS-W014123
CAS No.:	7361-31-1
Molecular Formula:	C ₁₁ H ₁₆ ClNO ₃
Molecular Weight:	245.70
Target:	Others
Pathway:	Others
Solubility:	DMSO : 9.09 mg/mL (37.00 mM; ultrasonic and warming and heat to 60°C)



BIOLOGICAL ACTIVITY:

α-Methyltyrosine methyl ester hydrochloride is a competitive **tyrosine hydroxylase** inhibitor that inhibits the conversion of tyrosine to dopamine. α-Methyltyrosine methyl ester hydrochloride can be used as a tool for sympathetic nervous system research^[1].

References:

[1]. G Magnusson, et al. Renal lesions induced by alpha-methyltyrosine methylester and alpha-methyltyrosine. Acta Pharmacol Toxicol (Copenh). 1970;28(6):435-44.

CAIndexNames:

Tyrosine, α-methyl-, methyl ester, hydrochloride (1:1)

SMILES:

NC(CC1=CC=C(C=C1)O)(C)C(OC)=O.[H]Cl

Caution: Product has not been fully validated for medical applications. For research use only.

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