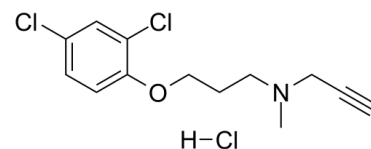


## Data Sheet

<b>Product Name:</b>	Clorgyline hydrochloride
<b>Cat. No.:</b>	CS-4553
<b>CAS No.:</b>	17780-75-5
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>16</sub> Cl <sub>3</sub> NO
<b>Molecular Weight:</b>	308.63
<b>Target:</b>	Monoamine Oxidase
<b>Pathway:</b>	Neuronal Signaling
<b>Solubility:</b>	DMSO : ≥ 100 mg/mL (324.01 mM); H <sub>2</sub> O : 120 mg/mL (388.82 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

Clorgyline hydrochloride is an irreversible and selective inhibitor of monoamine oxidase A (MAO-A) that is used in scientific research; structurally related to Pargyline.

### References:

[1]. Murphy DL, et al. Differential trace amine alterations in individuals receiving acetylenic inhibitors of MAO-A (clorgyline) or MAO-B (selegiline and pargyline). Journal of neural transmission. Supplementum 52: 39-48.

### CAIndexNames:

2-Propyn-1-amine, N-[3-(2,4-dichlorophenoxy)propyl]-N-methyl-, hydrochloride (1:1)

### SMILES:

C#CCN(CCCOC1=CC=C(Cl)C=C1Cl)C.[H]Cl

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA