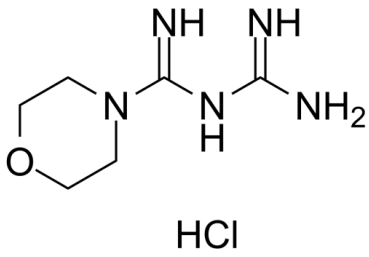
Data Sheet

Product Name:	Moroxydine (hydrochloride)
Cat. No.:	CS-2526
CAS No.:	3160-91-6
Molecular Formula:	C6H14ClN5O
Molecular Weight:	207.66
Target:	Influenza Virus
Pathway:	Anti-infection
Solubility:	H2O : ≥ 44 mg/mL (211.88 mM)



BIOLOGICAL ACTIVITY:

Moroxydine hydrochloride (ABOB hydrochloride) is a synthetic antiviral compound chemically belonging to the series of the heterocyclic biguanidines. Target: Influenza Virus Moroxydine hydrochloride (ABOB hydrochloride) is an antiviral drug that was originally developed in the 1950s as an influenza treatment. It has potential applications against a number of RNA and DNA viruses [1]. Structurally moroxydine is a heterocyclic biguanidine. Moroxydine was reported in March 2014 that three kindergartens in two provinces of China had been found to be secretly dosing their students with moroxydine hydrochloride to try to prevent them from becoming ill. The kindergartens are paid only for the days that pupils attend and wanted to ensure that they maximised their earnings [2].

References:

[1]. Sheppard, S., Moroxydine: the story of a mislaid antiviral. Acta Derm Venereol Suppl (Stockh), 1994. 183: p. 1-9.

[2]. Moore, Malcolm. "China: All children to be given drug tests after schools caught medicating pupils". The Age. Retrieved 2014-03-20.

CAIndexNames:

4-Morpholinecarboximidamide, N-(aminoiminomethyl)-, hydrochloride (1:1)

SMILES:

N=C(N1CCOCC1)NC(N)=N.Cl

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