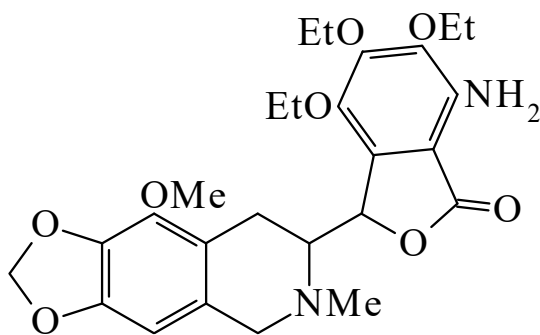




>>Entry Name: Tritoqualine, INN

**Synonym(s):** 7-Amino-4,5,6-triethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3*H*)-isobenzofuranone, 9Cl. 7-Amino-4,5,6-triethoxy-3-(1,2,3,4-tetrahydro-5-methoxy-2-methyl-6,7-methylenedioxy-3-quinoliny)phthalide. Hypohistamine. Inhibostamin. Livalfa. Liverfa. L-554. 35-NZ. MCI 5011



**CAS Registry Number:** 14504-73-5

**Related CAS Registry Numbers(s):** 4835-67-0 102622-89-9 106790-45-8

**Molecular Formula:** C<sub>26</sub>H<sub>32</sub>N<sub>2</sub>O<sub>8</sub>

**Molecular Weight:** 500.547

**Accurate Mass:** 500.215868

**Percentage Composition:** C 62.39%; H 6.44%; N 5.60%; O 25.57%

**Use/Importance:** Histidine decarboxylase inhibitor, antihistamine, antiallergic agent. Hepatoprotective

**Melting Point:** Mp 96-97°. Mp 184-185°

**Calculated Log P Data:** Log P 2.98 (uncertain value) (calc)

**Other Data:** Two isomers characterised, stereochem. not assigned

#### References:

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Maccari, M., *Arch. Ital. Sci. Farmacol.*, 1964, **14**, 256, (*tox, pharmacol*)

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*Martindale, The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 947

Marton, J. *et al.*, *Monatsh. Chem.*, 1993, **124**, 291, (*synth, pmr, ms*)