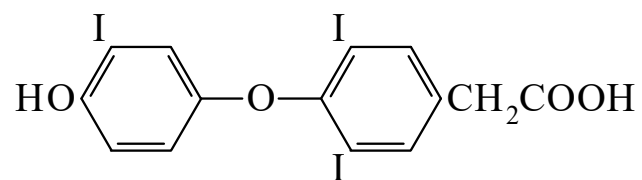




>>Entry Name: Tiratricol, INN

Synonym(s): 4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodobenzeneacetic acid, 9Cl. [4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]acetic acid, 8Cl. 3,5,3'-Triiodothyroacetic acid. Nidolin. TA₃. Teatrois. Triac. Triacum



CAS Registry Number: 51-24-1

Molecular Formula: C₁₄H₉I₃O₄

Molecular Weight: 621.936

Accurate Mass: 621.763504

Percentage Composition: C 27.04%; H 1.46%; I 61.21%; O 10.29%

Source/Synthesis: Metab. of 3,3',5-Triiodothyronine [BDQ38-W](#)

Use/Importance: Thyroid hormone supplement. TSH suppressant. Antihyperlipidaemic agent

Melting Point: Mp 162°

Calculated Log P Data: Log P 5.75 (calc)

Hazard & Toxicity: Exp. teratogenic effects

Sigma: T7650

References:

- Wilkinson, J.H. *et al.*, *Biochem. J.*, 1956, **63**, 601, (*synth, chromatog*)
Bellabarba, D. *et al.*, *J. Clin. Endocrinol. Metab.*, 1968, **28**, 297, (*chromatog*)
Goslings, B. *et al.*, *Endocrinology (Baltimore)*, 1976, **98**, 666, (*metab, pharmacol*)
Cody, V. *et al.*, *J. Med. Chem.*, 1977, **20**, 1628, (*cryst struct*)
Mazzocchi, P.H. *et al.*, *Org. Magn. Reson.*, 1978, **11**, 143, (*cmr*)
Sherman, S.I. *et al.*, *J. Clin. Endocrinol. Metab.*, 1992, **75**, 901, (*pharmacol, human*)
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1270