

Drug Status Report

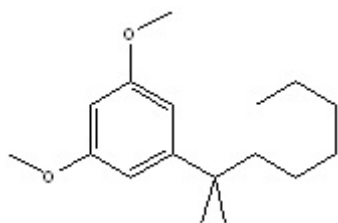
Drug: 1-(1,1-dimethylheptyl)-3,5-dimethoxybenzene

Drug Name Status: 1-(1,1-dimethylheptyl)-3,5-dimethoxybenzene

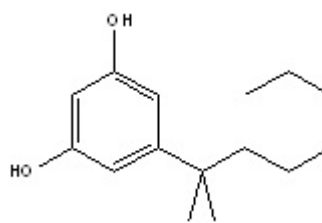
Chemical Name: 1-(1,1-dimethylheptyl)-3,5-dimethoxybenzene

Other Name: 5-(1,1-dimethylheptyl)-1,3-dimethoxybenzene

Chemical structure:



1-(1,1-dimethylheptyl)-3,5-dimethoxybenzene



1-(1,1-dimethylheptyl)-resorcinol

Molecular Formula: C₁₇H₂₈O₂

CAS Number: 60526-81-0

Pharmacological class / Application: Pharmaceutical related substance

International status:

US: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 5-(1,1-dimethylheptyl)-1,3-dimethoxybenzene is not currently listed in the CDSA. The substance is used as an intermediate in the synthesis of substances such as ajulemic acid¹, THC analogues and nabilone. It is also considered to be an analogue or derivative of 5-(1,1-dimethylheptyl)-resorcinol, a cannabinoid which has been reviewed and considered not controlled under the CDSA. However, there are no reports in the scientific literature showing that the substance is an efficacious cannabinoid receptor agonist. Accordingly, the substance cannot be included in item 1 of Schedule II to the CDSA.

¹Burnstein, S. (2005) Ajulemic Acid (IP-751): Synthesis, Proof of Principle, Toxicity Studies, and Clinical Trials, The AAPS Journal, 7 (1), pp. E143- E148

Recommendation: 5-(1,1-dimethylheptyl)-1,3-dimethoxybenzene is not included in the Schedules to the CDSA and is not a controlled substance.

August 6th, 2010