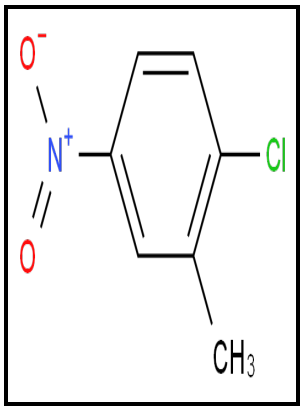
Nitrotoluenes - methylnitrobenzenes

VCH - Nitrotoluenes (Methylnitrobenzenes): No. 41. : Beratergremium fur Umweltrelevante Altstoffe: ne-x.uni.rf.gd.au: Books



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-
Theses
41.
BUA-Stoffbericht.
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BUA report,Nitrotoluenes - methylnitrobenzenes
Notes: Includes bibliographical references (p. 85-104).
This edition was published in 1993

Tags: #Nitrotoluene

A broadly tuned mouse odorant receptor that detects nitrotoluenes

The selectivity to the target product benzyl bromide is reasonably high at best being 85%; at 200°C and higher being 80%. These groups include nitro, trifluoromethyl, cyano, sulfonic acid, and any group with a carbonyl carbon atom bonded directly to the ring.

A broadly tuned mouse odorant receptor that detects nitrotoluenes

They found that the intensity of the molecular ion signal decreased with increasing substitution and that mass spectra obtained at 412 nm show a higher degree of fragmentation than those at 206 nm. That is, some odorant receptors are narrowly focused on a few closely related structures, while other odorant receptors may be 'broadly tuned', responding to a wide variety of odorant structures. In this way, optimal process parameters with regard to temperature and the bromine-to-thiophene molar ratio could be determined.

Nitrotoluene

Low molecular weight duplication reagents are formaldehyde or glyoxylic acid methylene-bis type derivatives , phosgene or phosphorus oxychloride carbonate or phosphate diesters , and small bifunctionalized molecules ethylene glycol, ethylenediamine esters or amides. The weakly deactivating halogens also act as ortho, para directors. The third compound has two nitro groups.

Nitrotoluene

Odor space was estimated using 1035 odorants blue dots in a multi-dimensional odor space was based on 32 optimized physicochemical descriptors Haddad et al. Sample Solution Ethylbenzene contains an alkyl substituent, and is slightly more reactive than benzene. The transformation from batch to continuous processing, the safe operation with bromine at temperatures over 170°C and the decrease of reaction time, i.

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