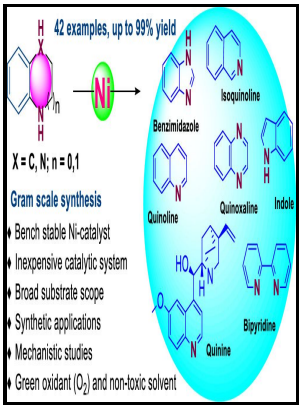
Synthetic and mechanistic studies of benzimidazoles.

University of Salford - Hypnotic profile of imines from benzimidazole chalcones: mechanism of synthesis, DFT studies and in silico screening



Description: -
-Synthetic and mechanistic studies of benzimidazoles.
-
ND1481/71Synthetic and mechanistic studies of benzimidazoles.
Notes: PhD thesis, Chemistry.
This edition was published in 1970

Filesize: 54.34 MB

Tags: #Synthetic #approaches #to #benzimidazoles #from #o

Recent advances in the use of benzimidazoles as corrosion inhibitors

Following the theoretical study performed on compound 29 Fig. The efficiency of inhibitors increases with increasing their concentration in the corrosion medium. Barker HA, Smyth RD, Weissbach H, Toohey JI, Ladd JN and Volcani BE.

Accelerated microdroplet synthesis of benzimidazoles by nucleophilic addition to protonated carboxylic acids

Med Chem Res 29, 1846—1866 2020. It is thus hypothesized that a longer half-life results in a more prolonged inhibition of gastric acid secretion, especially during the night.

Accelerated microdroplet synthesis of benzimidazoles by nucleophilic addition to protonated carboxylic acids

IE increases with temperature and E a activation energy values obtained for inhibited solutions are smaller than that obtained in the uninhibited solution which suggested that 1 is adsorbed on the composite surface by mixed adsorption, where chemisorption is predominant.

BENZIMIDAZOLE DERIVATIVES AND ITS BIOLOGICAL IMPORTANCE: A REVIEW

Benzimidazoles are good corrosion inhibitors for extremely aggressive, corrosive acidic media such as 1 M HCl, 1 M HNO 3, 1. The reaction progress was monitored by TLC. It is found that both strong organic and inorganic bases have a satisfactory catalytic activity for this reaction.

Hypnotic profile of imines from benzimidazole chalcones: mechanism of synthesis, DFT studies and in silico screening

Some substituted benzimidazole derivate drugs are more potent activity. Potentiodynamic polarization results revealed that 11 acted as anodic inhibitor and quantum chemical calculation shows higher energy levels of HOMO and LUMO and a larger π-electron density.

A mechanistic study of 2

Addition of 5-methoxy-substitution to the benzimidazole moiety of omeprazole was also made and gave the compound much more stability at neutral pH.

Novel synthetic approach, spectroscopic characterization and theoretical studies on global and local reactive properties of a bibenzimidazolyl derivative MAHE Digital Repository

Marijana P, Biljana P, Jasmina S, Zivadin DB, Jasmina DM, Tatjana M, Vesna V: Flavonoids as matrices for MALDI-TOF mass spectrometric analysis of transition metal complexes.

Related Books

- Presidential elections - strategies and structures of American politics
- Precedent in Nigerian law
- [Biological effects of ingested asbestos - and selected perspective-review articles.
- Fonds des Moulinages Emile Rey à Crest - 56 J : répertoire numérique détaillé
- Interpretations - a book of criticism on Pranab Bandyopadhyays poetry