

ABSTRACT

Narcotine is an alkaloid derived from opium. We modify the structure of Narcotine (1) with the help of nitric acid (2) in the presence of sulfuric acid, with bromine water (3) in the presence of acetic acid and phenyl chloroformate (4) to synthesize different products. The addition product of phenyl chloroformate was also further nitrated and brominated under the same conditions as above. These synthesized products were screened against different enzymes.