

SALISILAT

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SKRIPSI

JESRY MASSORAH

**SINTESIS SALISILOILPIPERIDINA
DARI ASAM SALISILAT MELALUI SENYAWA
ANTARA SALISILOILKLORIDA**



**FAKULTAS FARMASI UNIVERSITAS AIRLANGGA
BAGIAN KIMIA FARMASI
SURABAYA**

2004

**MILIK
PERPUSTAKAAN
UNIVERSITAS AIRLANGGA
SURABAYA**

Lembar Pengesahan

**SINTESIS SALISILOILPIPERIDINA DARI ASAM
SALISILAT MELALUI SENYAWA ANTARA
SALISILOILKLORIDA**

SKRIPSI

Dibuat Untuk Memenuhi Syarat Mencapai Gelar Sarjana Farmasi Pada
Fakultas Farmasi Universitas Airlangga

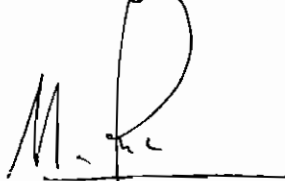
2004

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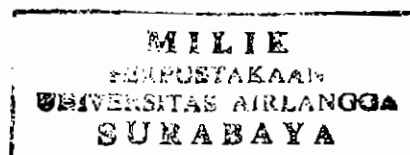


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ABSTRACT

The aim of this research is to synthesize salicyloylpiperidine from salicylic acid through salicyloylchloride as intermediate compound.

The synthesis of salicyloylpiperidine was done in two steps. In the first, salicylic acid was reacted with thionyl chloride for five hours at 50-60 °C to produce salicyloylchloride. In the second step, salicyloylchloride was reacted with piperidine for three hours at the same temperature to give salicyloylpiperidine in 34 % yield as white crystals. The identification of the resulted compound was carried out by TLC test, melting point test, FT-IR spectrophotometry, ¹H NMR spectroscopy and mass spectroscopy.

Keyword : salicyloylpiperidine, salicylic acid, salicyloylchloride, acylation