

METHOD FOR SYNTHESIZING 5-AMINO-2,4-DIHYDROXYBENZOIC ACID

ABSTRACT

5 A method for synthesizing 5-amino-2,4-dihydroxybenzoic acid (DHBA) includes the steps of:
using resorcinol as a raw material and performing Koble-Schmitt reaction to obtain 2,4-
DHBA; nitrating 2,4-DHBA to obtain 5-nitro-2,4-DHBA; and reducing 5-nitro-2,4-DHBA to
obtain a product 5-amino-2,4-DHBA. The present invention has the advantages of easy
control of reaction process parameters, easy obtaining of raw materials, short reaction time,
10 simple post-treatment, high atomic utilization ratio, high purity and high industrial feasibility.