

糖精

中文名：糖精

英文名：Saccharin

别名：邻磺酰苯甲酰亚胺;邻苯甲硫酰亚胺;2,3-二羟基-1,2-苯并异噻唑基-3-酮-1,1-二氧化物;2-磺基苯甲酸亚胺;2,3-Dihydroxy-1,2-benzisothiazol-3-one-1,1-dioxide;2-Sulfobenzoic acid imide;o-Benzoic sulfimide;Saccharin insoluble;o-Sulfobenzimide

CAS 号：81-07-2

分子式：C₇H₅NO₃S

分子量：183.18

Beilstein 号：6888

EC 号：201-321-0

MDL 号：MFCD00005866

属性

敏感性：对湿度敏感

存贮条件：充氩保存

熔点：229° C

密度：1.5570

描述

用途：Usually used in high performance liquid chromatographic method for the simultaneous separation and determination of acesulfame potassium, saccharine and aspartame;and also used in sweet preference test of rats.

生化机理：A non-nutritive sweetener and a pharmaceutic aid (flavor). Saccharin was previously listed as a reasonably anticipated human carcinogen but was delisted because the cancer data are not sufficient to meet the current criteria for this listing.

