

黄素腺嘌呤二核苷酸二钠盐水合物

中文名：黄素腺嘌呤二核苷酸二钠盐水合物

英文名：Flavin adenine dinucleotide disodium salt hydrate

别名：FAD-Na₂;半硬化牛脂脂肪酸;核黄素-5'-腺苷二磷酸二钠盐水合物;黄素腺嘌呤二核苷酸二钠水合物;黄素腺嘌呤二核苷酸二钠水合物;FAD-Na₂;FAD Disodium Salt Hydrate;Riboflavin 5'-adenosine diphosphate disodium salt

CAS 号：84366-81-4

分子式：C₂₇H₃₁N₉Na₂O₁₅P₂ · xH₂O

分子量：829.51

Beilstein 号：5326842

EC 号：282-733-8

MDL 号：MFCD08277021

属性

敏感性：对光线敏感，对湿度敏感

贮存条件：储存温度 2-8°C,充氩保存

描述

用途：flavoproteins 的氧化还原辅酶

产品介绍：水中溶解度：5 g/l

生化机理：Flavin adenine dinucleotide (FAD) is used as a redox cofactor (electron carrier) by flavoproteins including succinate dehydrogenase (complex), α-ketoglutarate dehydrogenase, apoptosis-inducing factor 2 (AIF-M2, AMID), folate/FAD-dependent tRNA methyltransferases, and N-hydroxylating flavoprotein monooxygenases. FAD is a component of the pyruvate

dehydrogenase complex.

