



## PRODUCT IN FOCUS



# 1-Aminoanthraquinone

### INTRODUCTION

1-Aminoanthraquinone is a key intermediate used in the preparation of colorants including dyes and pigments as well as other specialty chemicals.

It is soluble in benzene, chloroform, ether, glacial acetic acid, hot nitrobenzene and hydrochloride, almost insoluble in water and slightly soluble in ethanol.

It is used as a substituted anthraquinone. Anthraquinone is an aromatic organic compound which is a building block for a wide range of dyestuffs.

#### Synonyms

1-aminoanthracene-9,10-dione;  
alpha-Anthraquinonylamine; 1-Amino-9,10-anthracenedione;  
Azoic Diazo No. 36, Fast Red AL

#### CAS No.

82-45-1

#### EINECS No.

201-423-5

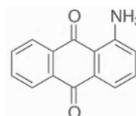
#### Chemical Formula

$C_{14}H_9NO_2$

#### Molecular Weight

223.23

#### Molecular Structure



### SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Red crystalline powder
Melting Point	°C	253-254
1-Aminoanthraquinone	%	Min 98.5
1,5-Diaminoanthraquinone	%	Max 0.3
1,8-Diaminoanthraquinone	%	Max 0.1



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### APPLICATIONS

In addition to 1-Aminoanthraquinone being used as a dye intermediate in the synthesis of Disperse, Reactive and VAT dyes, it is also used as an analytical reagent.

Its derivatives find use in organic synthesis as well in Coatings

SR. NO.	APPLICATIONS
1	Intermediate for Acid, Reactive, Disperse, and VAT dyes
2	Pharmaceuticals
3	Ink, Coatings
4	Analytical reagent

### STORAGE

Store in a sheltered place away from sources of heat and moisture.

### PACKING

25 Kg Bags.

### REACH Status

Not registered yet.

ExSyn offers 1-Aminoanthraquinone on commercial scales and welcomes enquiries. No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please get in touch with us.