

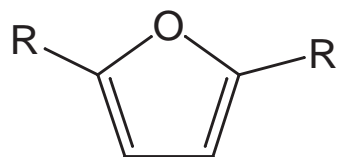
# Introducing New Disubstituted Furan Compounds from Penn Specialty

Backed by 60 years of Furan Chemistry Experience

## 2,5-Disubstituted Furan

### Applications:

- Pharmaceuticals Intermediates
- Agricultural Intermediates
- Food and flavor ingredients
- R,R' options include: esters, carboxylic acids, ketones, bromides and alkyl groups



### Product Offerings Include

2,5-Dimethylfuran

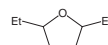
### CAS Number

625-86-5



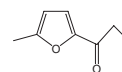
2,5-Diethyltetrahydrofuran

41239-48-9



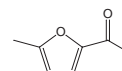
2-Methyl-5-Propionylfuran

10599-69-6



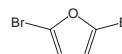
2-Methyl-5-Acetylfuran

1193-79-9



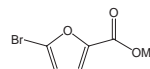
2,5-Dibromofuran

32460-00-7



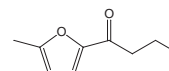
Methyl-2-Bromofuran-carboxylate

2527-99-3



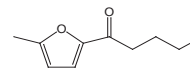
2-Methyl-5-Butanoylfuran

NA



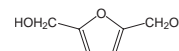
2-Methyl-5-Pentanoylfuran

NA



Bis Hydroxy Methylfuran

1883-75-6

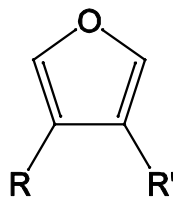


(Continued)

## 3,4-Disubstituted Furan

### Applications/Product Examples:

- Pharmaceutical Intermediate
- Agricultural Intermediate
- R,R' options include: hydrogen, ester and acid

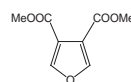


### Product Offerings

Dimethyl-3,4-Furan Dicarboxylate

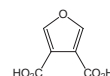
### CAS Number

4282-33-1



Furan-3,4-Dicarboxylic Acid

3387-26-6



### CONTACT INFORMATION

United States:

3324 Chelsea Avenue • Memphis, TN 38108

Phone: 877-895-PENN • Fax: 901-320-4002

www.pennakem.com • Email: PennUSA@pschem.com

Europe:

Merwedeweg 4 • Port # 5630 • NL-3198 LH Europoort • The Netherlands

Phone: 0031 181 261 110 • Fax: 0031 181 261 140

Email: PennEuro@pennakem.com • Check www.pennakem.com for European Agent Contacts