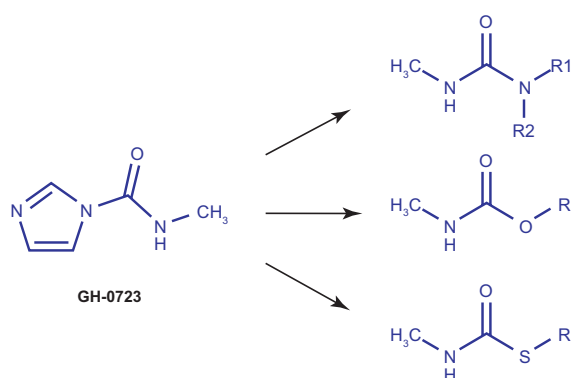

GH-0723

N-methyl-1*H*-imidazole-1-carboxamide
CAS Number 72002-25-6

N-Methyl-1*H*-imidazole-1-carboxamide (*N*-Methyl carbamoylimidazole)

A Safer Alternative to Methyl Isocyanate

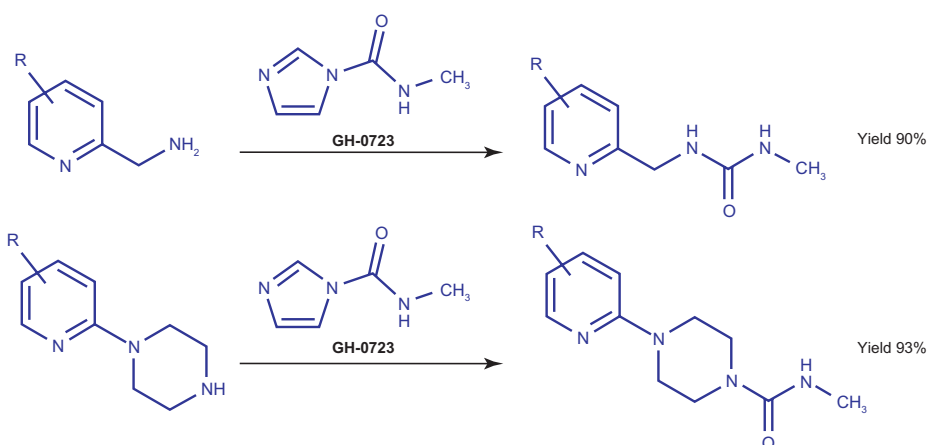
Methyl isocyanate is used in synthetic organic chemistry for the formation of methyl ureas, methyl carbamates and methyl thiocarbamates (scheme 1). Useful but highly toxic, this compound causes many user issues for research chemists and as such is limited in supply. Key Organics now stocks *N*-methyl-1*H*-imidazole-1-carboxamide (GH-0723), a safer alternative, as part of its BIONET range.


Scheme 1.

Synthetic utility of *N*-methyl-1*H*-imidazole-1-carboxamide

Previously the commercial availability of this product has been limited and expensive. Our chemists at Key Organics have refined development work by R Batey and co-workers (Department of Chemistry at the University of Toronto¹) and have developed new processes to ease production resulting in increased supply, reduced costs and purity >97% by HPLC.

The following examples from our laboratories demonstrate its synthetic utility giving easy access to the required methyl ureas in excellent yields.


Scheme 2. Synthesis of methyl ureas using only 1.05 equivalents of GH-0723

1: P Duspara et al, J Org Chem, 2012, 77, 10362-10368

Key Benefits:

- Safer
- Affordable
- In stock
- Purity >97% HPLC
- Easy to handle
- Crystalline solid



***N*-methyl-1*H*-imidazole-1-carboxamide**
In stock. Usually dispatched within 1 working day

ID: GH-0723 CAS: 72002-25-6

500mg	QTY: 0	£60.00
1g	QTY: 0	£82.00
5g	QTY: 0	£205.00
10g	QTY: 0	£307.00

[Enquire for other pack sizes](#) [ADD TO CART](#)

Formula: C5H7N3O
 Purity: >97%

In stock and available to purchase direct from Key Organics the home of BIONET.
(Pricing correct at time of print)

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- ✓ Next day courier delivery in EU
- ✓ Dedicated customer support
- ✓ >90% deliverable in-stock
- ✓ Novelty and diversity
- ✓ Full COA, NMR and LC Analysis
- ✓ Assured quality guaranteed

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