

Intermediates



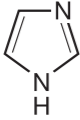
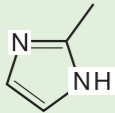
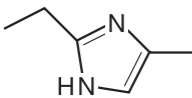
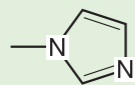
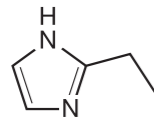
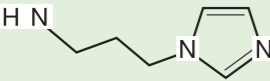
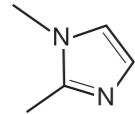
 **BASF**

We create chemistry

Imidazoles

Unique solutions which contribute
to customer success

Imidazoles Portfolio

Chemical Structure	Product	CAS registry no.	Physical Form	Molecular weight, g/mol	Assay, %	Boiling Point, °C	Melting Point, °C
	Imidazole	288-32-4	Solid	68.08	min. 99.5	256	88 – 90
	Imidazole aqueous solution 50%		Liquid	68.08	45 – 55	104	2
	2-Methylimidazole flakes (2-MI Flakes)	693-98-1	Solid	82.11	min. 98.5	267	136 – 138
	2-Methylimidazole pure (2-MI Pure)			82.11	min 99.7	267	144
	2-Ethyl-4-methylimidazole (2, 4-EMI)	931-36-2	Viscous liquid	110.16	87.0 – 92.0	273	36 – 42
	2-Ethyl-4-methylimidazole S (2, 4-EMI S)			110.16	83.0 – 87.0	270 – 276	36 – 42
	1-Methylimidazole (1-MI)	616-47-7	Liquid	82.11	min. 99.0	199	-2
	2-Ethylimidazole ultra pure (2-EI)	1072-62-4	Solid	96.13	min. 99.0	268	77 – 78
	N-(3-Aminopropyl) imidazole (3-API)	5036-48-6	Liquid	125.17	min. 97.0	296	-68
	1, 2-Dimethylimidazole (1, 2-DMI)	1739-84-0	Solid	96.13	min. 96.0	205	20 – 40 (Range)

BASF Intermediates

BASF's Intermediates division is a global leader in the development, manufacture and marketing of sustainable chemical intermediates. With more than 600 products in our portfolio,

particularly amines, diols, polyalcohols, acids and specialties, we offer innovative solutions for a wide range of industries, from coatings and plastics to pharmaceuticals and crop protection.

Our intermediates can improve the properties of end products and increase the efficiency of production processes, and can in addition enable our customers to achieve their sustainability

goals. as an ISO 9001 certified division, we operate a global network of production sites in Europe, Asia and North America.

Imidazoles

Unique solutions which contribute to customer success



Your benefits:

With one of the largest imidazole production capacity in the world, BASF offers unique solutions which contribute to customer success.

Imidazoles in the Epoxy Resin Market

- Imidazoles can be used as hardeners / accelerators or catalysts in Epoxy systems.
- As a hardener or accelerator the imidazoles become part of the resin.
- Used as catalysts the imidazoles are not consumed in the hardening process, but make the oxygen of the epoxy more reactive with other components.

Advantages of Imidazoles as Epoxy Curing Agents

- Very long working life/potlife (1–2 days)
- Very fast elevated temperature cure (100°C–180°C)
- Excellent high temperature stability
- Good adhesion on metals
- Form resins with a high tensile strength



<https://chemicals.basf.com/global/en/Intermediates>

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, the data does not relieve processors from carrying out their own investigations and tests; neither does the data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. The safety data given in this publication is for information purposes only and does not constitute a legally binding Material Safety Data Sheet (MSDS). The relevant MSDS can be obtained upon request from your supplier or you may contact BASF directly at www.intermediates.basf.com.

2025 edition