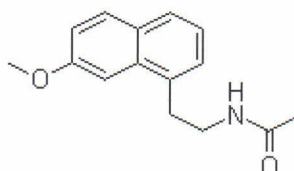




## Agomelatine

Batch no 20230615  
Mf date Jun 15 2023  
Retest Jun 14 2026  
Batch size 109 kg

### Molecular Structure



Molecular Formula  $C_{15}H_{17}NO_2$   
Molecular Weight 243.30  
CAS Registry Number 138112-76-2

Jul 20 2023

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or almost white powder	Conforms
Identification	HPLC	Positive
Melting range	107 ~ 110°C	107.2 ~ 108.6°C
Residue on ignition	≤ 0.1%	0.06%
Loss on drying	≤ 0.5%	0.19%
Heavy metals	≤ 20 ppm	Conforms
Related substances	Single impurity ≤ 0.1%	Conforms
	Total impurities ≤ 0.3%	Conforms
Assay (HPLC)	≥ 99%	99.93%

Packaging & storage	Preserve in tight light-resistant containers. Store in a cool place
Conclusion	Complies with in house standard

