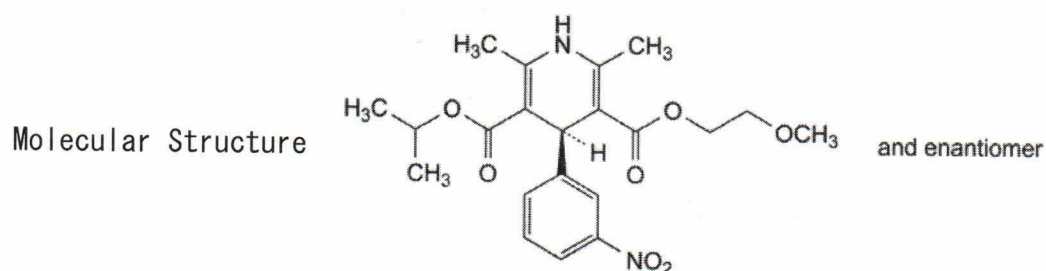


## Nimodipine EP10

Batch no 2408022  
 Mf date Aug 20 2024  
 Retest Aug 2027  
 Batch size 243.02 kg



Molecular Formula C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>7</sub>  
 Molecular Weight 418.4  
 CAS Registry Number 66085-59-4

Dec 02 2024

Tests	Specifications	Results
Appearance	A light yellow or yellow crystalline powder	A light yellow crystalline powder
Solubility	Practically insoluble in water, freely soluble in ethyl acetate, sparingly soluble in anhydrous ethanol	Conforms
Identification	Meets the requirements	Positive
Appearance of solution	Clear	Conforms
Optical rotation	-0.10° ~ +0.10°	+0.001°
Related substances	Impurity C ≤ 0.2%	0.13%
	Another largest single impurity ≤ 0.10%	0.06%
	Total impurities ≤ 0.5%	0.23%
Loss on drying	≤ 0.5%	0.2%
Sulphated ash	≤ 0.1%	0.01%
Residual solvents	Isopropanol ≤ 0.5%	0.01%
	Cyclohexane ≤ 0.388%	0.005%
	Methanol ≤ 0.3%	ND
Assay (odb)	98.5 ~ 101.5%	99.5%

Packaging & storage	Preserve in well-closed, light-resistant containers
Conclusion	Material complies with EP10