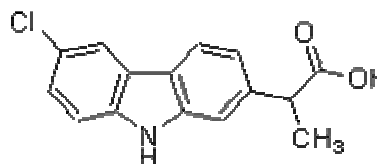


Product Data Sheet

<input type="checkbox"/> Cat # ABT-690-001	Carprofen (Pharma Grade)	Size: 100 mg
<input type="checkbox"/> Cat # ABT-690-005	Carprofen (Pharma Grade)	Size: 500 mg

General Information

Carprofen (marketed as Rimadyl, Imadyl, and Imafen, manufactured by Pfizer Animal Health) is a non-steroidal anti-inflammatory drug that is used by veterinarians as a supportive treatment for the relief of arthritic symptoms in geriatric dogs. It can be used both short term, for joint pain or post-operative inflammation, or for day-to-day relief from the pain and inflammation associated with osteoarthritis, hip dysplasia, and other forms of joint deterioration. Carprofen reduces inflammation by inhibiting the production of COX-2 and other sources of inflammatory prostaglandins. This is targeted protection, in that it does not interfere with the activity of COX-1.



Molecular Formula:
C₁₅H₁₂ClNO₂
Molecular Weight:
273.71 g/mol

Items	Specification	Results
Appearance	Off white, crystalline powder	Conforms
Identification	IR conforms to the stds UV spectrum conforms to the stds HPLC retention conforms to the stds.	Conforms Conforms Conforms
Loss on drying(%)	Not more than 0.5%	0.25%
Residue on ignition(%)	Not more than 0.1%	0.08%
Heavy metals	Not more than 0.002%	Conforms
Related substances		
Unknown impurity	Not more than 0.2%	0.08%
Individual known purity	Not more than 0.5%	0.41%
Total impurity	Not more than 1%	0.58%
Assay(on dried basis)(%)	98-102%	100.2%
Residue solvent acetone	Note more than 5000 ppm	Not detected
Organic volatile impurity methylene chloride	Note more than 500 ppm	Not detected
Conclusion: The product is tested in accordance with standard requirements.		

ABT-690-001

130326A

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