

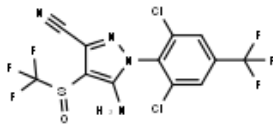
Certificate of Analysis

Target	Inhibitors & Agonists>>Membrane Transporter/Ion Channel>>GABA Receptor
Cat.No	DC11309
Name	Fipronil

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Chemical Properties

CAS	120068-37-3
Formula	C ₁₂ H ₄ Cl ₂ F ₆ N ₄ O _S
MW	437.1
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Fipronil is shown. It consists of a central benzimidazole ring system. One nitrogen atom of the benzimidazole is substituted with a cyano group (-C≡N). The other nitrogen atom is substituted with a hydrogen atom (-H). The benzimidazole ring is further substituted with a trifluoromethyl group (-CF₃) and a 2,4-dichlorophenyl group (-C₆H₃(Cl)₂). The 2,4-dichlorophenyl group is also substituted with a trifluoromethyl group (-CF₃).</p>
Purity	>98%

Website:
www.dcchemicals.com