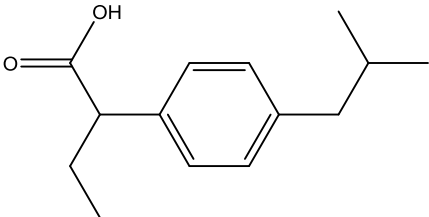




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
326873	Butibufen	T9R09C21

Chemical name	
2-(p-Isobutylphenyl)butyric acid	
Synonyms	
FF-106; FF 106; FF106; Butibufen	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 326873 Name: Butibufen CAS#: 55837-18-8 Lot#: T9R09C21 Chemical Formula: C ₁₄ H ₂₀ O ₂ Exact Mass: 220.1463 Molecular Weight: 220.312

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE