

# Optimization of Processing Technology for Tiebangchui with Zanba Based on CRITIC Combined with Box-Behnken Response Surface Method

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[jove.com/video/65139](https://jove.com/video/65139)

## Materials

Name	Company	Catalog Number	Comments
3-Deoxyaconitine	Chengdu Desite Biotechnology Co., Ltd.	DST221109-033	
Aconitine	Chengdu Desite Biotechnology Co., Ltd.	DSTDW000602	
Ammonium acetate	Tianjin Kermel Chemical Reagent Co., Ltd	Chromatographic grade	
Benzoylaconitine	Chengdu Desite Biotechnology Co., Ltd.	DSTDB005502	
Design-Expert software	Stat-Ease, Inc., Minneapolis, MN, USA	version 13.0	
Electronic analytical balance	Shanghai Liangping Instruments Co., Ltd.	FA1004	
High performance liquid chromatography	SHIMADZU Co., Ltd.	LC-20A	
High-speed smashing machine	Beijing Zhongxing Weiye Instrument Co., Ltd.	FW-100	
Millipore filter	Tianjin Jinteng Experimental Equipment Co., Ltd	φ13 0.22 Nylon66	
stir-Fry machine	Changzhou Maisi Machinery Co., Ltd	Type 5	
Tiebangchui	Gannan Baicao Biotechnology Development Co., Ltd	20211012	
Ultra pure water systemic	RephiLe Bioscience, Ltd.	Genie G	
Ultrasonic cleansing machine	Ningbo Xinyi Ultrasonic Equipment Co., Ltd	SB2200	
Zanba	27 Chuanzang Road, Ganzi County	-	