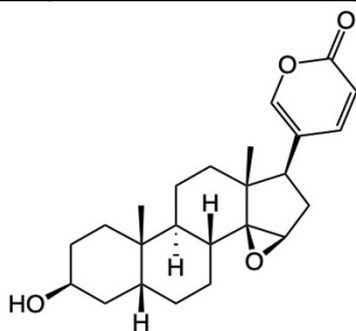


Certificate of Analysis

Product No.	42	Product Name	Resibufogenin
Lot. No.	422411	Unit Quantity	20mg
Analysis Date	2024-12-06	Storage Conditions	Refrigerate ($\leq 10^{\circ}\text{C}$)


 $\text{C}_{24}\text{H}_{32}\text{O}_4$

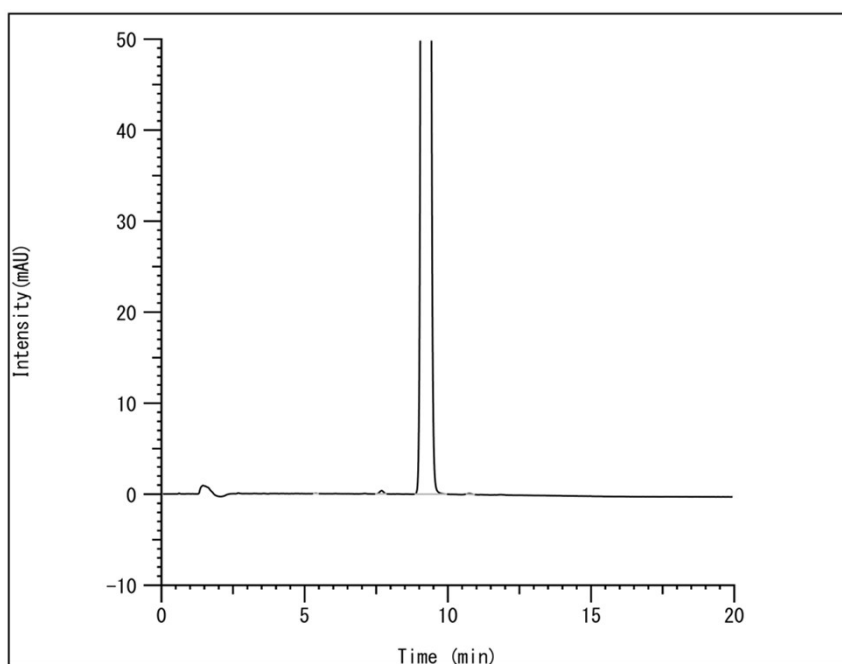
MW : 384.51

CAS RN: 465-39-4

This product conforms to the specifications in the 18th edition of the Japanese Pharmacopoeia , Reagents, Test Solutions, " Resibufogenin for assay" and "Resibufogenin for thin-layer chromatography".

Content (Not less than 98.0%)

Passed (100%)



Retention time	Peak area	%
9.22	12001591	100.00
Total	12001591	100.00

assay (HPLC)

Detector : An ultraviolet absorption photometer (300nm)
 Column : YMC-Pack ODS-AL ($\phi 4.6 \times 250\text{mm}$)
 Column temperature : A constant temperature of about 40°C .
 Mobile phase : A mixture of water and acetonitrile(1 : 1).

		Flow rate : Adjust so that the retention time of resibufogenin is about 9 minutes.
		Time span of measurement : About twice as long as the retention time of resibufogenin, beginning after the peak of solvent.
Description		Passed
Absorbance $E_{1\text{cm}}^{1\%}$ (300nm) : 131~145		Passed (144)
Purity Related substances (TLC)		Passed
Water (by coulometric titration)		4.9%
Precautions Order quantities that can be used immediately, and after receipt of a reference standard, store it at the specified temperature and use it as soon as possible.		
Expiration Date	November 2026 (unopened)	

IWASHIMA YAKUHI Co., Ltd.

4-201, Sakurazaka, Moriyama-ku, Nagoya City, Aichi Prefecture 463-0018, Japan

TEL : +81-52-715-5601

FAX : +81-52-715-5602