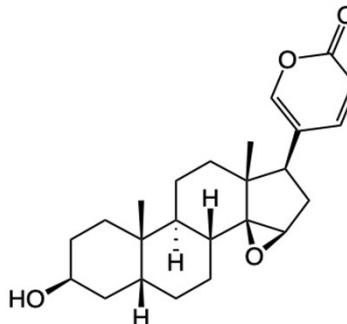


Certificate of Analysis

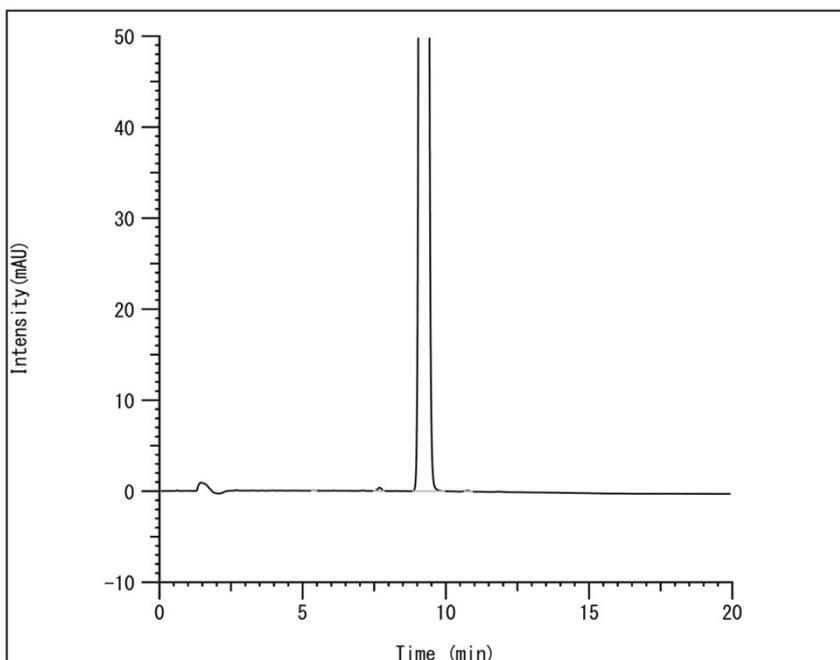
Product No.	42	Product Name	Resibufogenin
Lot. No.	422411	Unit Quantity	20mg
Analysis Date	2024-12-06	Storage Conditions	Refrigerate ($\leq 10^{\circ} \text{ C}$)



$\text{C}_{24}\text{H}_{32}\text{O}_4$
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 (100.0%)
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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 $E_{1cm}^{1\%}$ (300nm)	: 131~145 Passed (144)
Purity Related substances (TLC)	Passed
Water (by coulometric titration)	4.9%
Prec cautions	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 2028 (unopened)

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