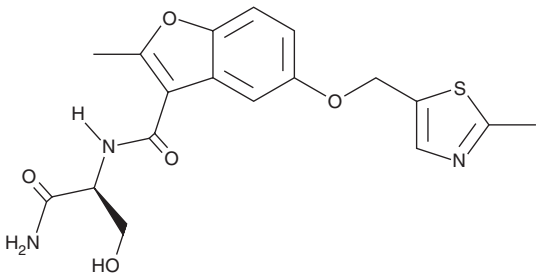
PRODUCT INFORMATION

BHV-2100

Item No. 46380

CAS Registry No.:	2776175-74-5
Formal Name:	N-[(1S)-2-amino-1-(hydroxymethyl)-2-oxoethyl]-2-methyl-5-[(2-methyl-5-thiazolyl)methoxy]-3-benzofurancarboxamide
Synonym:	Ponometrep
MF:	$C_{18}H_{19}N_3O_5S$
FW:	389.4
Purity:	≥95%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

BHV-2100 is supplied as a solid. A stock solution may be made by dissolving the BHV-2100 in the solvent of choice, which should be purged with an inert gas. BHV-2100 is slightly soluble (0.1-1 mg/ml) in DMSO.

Description

BHV-2100 is an inhibitor of transient receptor potential melastatin 3 (TRPM3; IC_{50}s = 1-10 nM for the human, mouse, and rat receptors).[1] It reduces pain induced by intraplantar injection of pregnenolone sulfate (Item No. 21004) in mice and rats (ED_{50}s = 1.3 and 2.5 mg/kg, respectively) without inducing lethargy and with no effects on core body temperature or heart rate.

Reference

1. Vriens, J., Vanherck, J.-C., Marchand, A., *et al.* BHV-2100, a first-in-class TRPM3 antagonist for the treatment of pain (S13.002). *Neurology* **102(7_Supp_1)** 6059 (2014).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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