

Discovery Report

Patent: EVE-PAT-2026-001 | Organiq Sweden AB

1 - DISCOVERY

QUERY	Auto-scan: Potassium Channels
COMPOUND	RITODRINE HYDROCHLORIDE
DISCOVERY SCORE	96.911
ENGINE	DISCOVERY_v1.1
CORPUS VERSION	current
GENERATED	2026-05-21T02:00:00.690Z

2 - EVIDENCE

TARGETS	KCNH2, SLC6A2, SLC6A4, OPRM1, SIGMAR1, ADRB3, GPR151, TMEM97, SLC5A7, MU-TYPE
PATHWAYS	Neuronal System, Potassium Channels, Voltage gated Potassium channels, Muscle contraction, Phase 3 - rapid repolarisation, Cardiac conduction, Disease, Transport of small molecules
EVIDENCE SCORE	43.10
STUDIES	87

X-Vault Evidence Seal

SYSTEM	BiohacksAI XVault_v1
DISCOVERY ID	DISC-ritodrine_hydrochloride-20260521-6fc7d37c
EVENT HASH	07f8ea4625bd61b7...9df348e2
CHAIN HASH	188d1c03cdafc933...77f435cb
PREV HASH	29fa7c5590cef675...1a8675fa
CORPUS VERSION	current
CORPUS ROOT	NOT_AVAILABLE...AVAILABLE
VAULT INDEX	3128
SEALED AT (UTC)	2026-05-21T02:00:00.717Z

- VERIFICATION

This document is cryptographically sealed by the BiohacksAI X-Vault Evidence Engine. The discovery payload hash and corpus Merkle root can be independently verified.

Verify at: everified.com/verify

Verification fingerprint: 07f8ea4625bd61b7...9df348e2

