

Discovery Report

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

1 - DISCOVERY

QUERY	Auto-scan: Synthesis of epoxy (EET) and dihydroxyeicosatrienoic acids (DHET)
COMPOUND	BUFOTENIN
DISCOVERY SCORE	258.589
ENGINE	DISCOVERY_v1.1
CORPUS VERSION	current
GENERATED	2026-05-20T02:00:02.851Z

2 - EVIDENCE

TARGETS	CYP2C9, CYP2D6, NFE2L2, CYP3A7, PGR, HTR2B, HTR2C, HTR1A, GLI3, HTR2A
PATHWAYS	Metabolism, Biological oxidations, Cytochrome P450 - arranged by substrate type, Phase I - Functionalization of compounds, Xenobiotics, CYP2E1 reactions, Synthesis of epoxy (EET) and dihydroxyeicosatrienoic acids (DHET), Arachidonate metabolism
EVIDENCE SCORE	46.50
STUDIES	93

X-VAULT EVIDENCE SEAL

SYSTEM	BiohacksAI XVAULT_v1
DISCOVERY ID	DISC-bufotenin-20260520-f3dca252
EVENT HASH	a427d24e11c84dbe...e6475017
CHAIN HASH	679c258d359837aa...fd91994a
PREV HASH	986c8bebdb6903c5...188c56f0
CORPUS VERSION	current
CORPUS ROOT	NOT_AVAILABLE...AVAILABLE
VAULT INDEX	3110
SEALED AT (UTC)	2026-05-20T02:00:02.889Z

- 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: eveverified.com/verify

Verification fingerprint: a427d24e11c84dbe...e6475017

