


# DSIP — GLY-3 AND GLY-4 → D-ALA DOUBLE SUBSTITUTION, YIELDING W-A-(D-ALA)-(D-ALA)-D-A-S-G-E

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DISCARDED PERFORMANCE

GLY-3 AND GLY-4 → D-ALA DOUBLE SUBSTITUTION, YIELDING W-A-(D-ALA)-(D-ALA)-D-A-S-G-E

GABA-A RECEPTOR BENZODIAZEPINE-BINDING SUBUNIT (A1)

AVERAGE CONFIDENCE	PTM / IPTM	VERDICT
	— / —	DISCARDED
TARGET	UNIPROT	BINDING PROBABILITY
GABA-A receptor benzodiazepine- binding subunit (α1)	—	—

## DISCARDED BY PREDICTABILITY GATE

target\_not\_predictable: no UniProt ID resolved — target identity unconfirmed

## TLDR

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## EXECUTIVE SUMMARY

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## DETAILED ANALYSIS

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no research brief recorded.

## RESEARCH BRIEF

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no research brief recorded.

## SEQUENCES

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### NATIVE

WAGGDASGE

### MODIFIED

WA-dA-dA-DASGE

## CITATIONS

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1. **PMID** — (2006) — — Delta sleep-inducing peptide (DSIP): a still unresolved riddle.
2. **PMID** — (1984) — — Delta-sleep-inducing peptide (DSIP): a review.
3. **PMID** — (1986) — — Delta-sleep-inducing peptide (DSIP): an update.
4. **PMID** — (1988) — — DSIP--a tool for investigating the sleep onset mechanism: a review.
5. **PMID** — (1984) — — DSIP in insomnia.
6. **PMID** — (2024) — — Pichia pastoris-secreted DSIP-CBBBP fusion peptide sleep-promoting effects (inferred title from abstract).
7. **PMID** — (2026) — — Therapeutic Peptides in Orthopaedics: Applications, Challenges, and Future Directions.
8. **PMID** — (2023) — — Protecting Group-Minimum, Practical N-to-C Peptide Synthesis.