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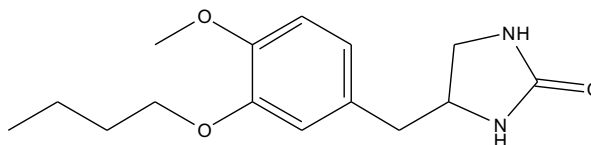
CERTIFICATE OF ANALYSIS

Product name: **Ro-20-1724**

Cat. number: **VD-OEIA-1013** CAS Number: **29925-17-5** Lot number: **VD12-0001210**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₅ H ₂₂ N ₂ O ₃
MW:	278.4
Purity:	>=98% by TLC
Appearance:	White solid.
Solubility:	DMSO or EtOH.
Storage:	RT. Keep cool and dry.
Synonyms:	4-(3-Butoxy-4-methoxybenzyl)-2-imidazolidinone

Product Description:

A cell-permeable, selective inhibitor of cAMP-specific phosphodiesterase (PDE IV; IC₅₀ = 2 μM). Inhibits superoxide generation and arachidonic-induced platelet aggregation. Also inhibits fMLP-induced neutrophil adhesion to vascular endothelial cells.

Product Reference:

1. Sheppard, H., et al. 1972. Adv Cyclic Nucleotide Res. 1: 103-112.
2. Reeves, M.L., et al. 1987. Biochem. J. 241: 535-541.
3. Katano, Y., et al. 1990. Biochem. Biophys. Res. Commun. 167:123-129.

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