



CERTIFICATE of ANALYSIS

PRODUCT: **Ro 20-1724**
[4-(3-Butoxy-4-methoxybenzyl)-2-imidazolidinone]
C₁₅H₂₂N₂O₃, M.W. 278.4, CAS# [29925-17-5]

PRODUCT NUMBER: R-1096

LOT NUMBER: B1348

APPEARANCE: White solid

SOLUBILITY: Soluble in 100% Ethanol (40 mg/ml) or DMSO (200 mg/ml); insoluble in water

PURITY (TLC): ≥ 99%

MELTING POINT: 126-127°C

PRODUCT DESCRIPTION: Selective, potent cAMP phosphodiesterase inhibitor. Inhibits superoxide generation and platelet aggregation stimulated by arachidonic acid. Also inhibits fMLP-induced neutrophil adhesion to vascular endothelial cells.

STORAGE & HANDLING: Keep cool and dry at room temperature (+ 20°C). Solutions are stable for up to 3 months when stored at -20°C.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**