

## RO 20-1724

Cat. No. CEI-0609

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. A potent, selective, cAMP-specific phosphodiesterase inhibitor (PDE IV, IC<sub>50</sub> = 2 μM). Inhibits superoxide generation and platelet aggregation stimulated by arachidonic acid. Also inhibits fMLP-induced neutrophil adhesion to vascular endothelial cells.

### Product Information

**Appearance** White to off-white solid

**CAS No.** 29925-17-5

**Molecular Formula** C<sub>15</sub> H<sub>22</sub> N<sub>2</sub> O<sub>3</sub>

**Chemical Name** 4-(3-Butoxy-4-methoxybenzyl)-2-imidazolidinone

**Molecular Weight** 429.6

**Purity** >98% by HPLC

**Targets** PDE4A

**Solubility** DMSO (>2 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack