

## Isobutyryl coenzyme A lithium salt

Cat. No. COEC-055

Lot. No. (See product label)

### Introduction

**Description** Isobutyryl coenzyme A lithium salt is an acyl group carrier. Isobutyryl coenzyme A (IB-CoA), a short-chain branched acyl-CoA, provides the starter unit for biosynthesis of myxalamid B. Isobutyryl coenzyme A is used as a substrate to study the specificity and kinetics of isobutyryl-coenzyme A (CoA) mutase

**Applications** An acyl group carrier

**Synonyms** IB-CoA

### Product Information

**Appearance** Powder

**Form** Solid

**CAS No.** 103404-95-1

**Molecular Formula** C<sub>25</sub>H<sub>42</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S•xLi<sup>+</sup>

**Molecular Weight** 837.62 (free acid basis)

**Purity** ≥85%