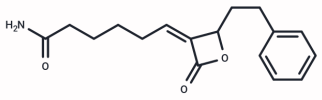
# (Z)-KC02

Cat. No.: **SN-M-LM594**

## Chemical Properties

| | |
|---|---|
| **Product Name** | (Z)-KC02 |
| **Full Name** | (6Z)-6-[2-oxo-4-(2-phenylethyl)oxetan-3-ylidene]hexanamide |
| **Cat. No.** | SN-M-LM594 |
| **CAS No.** | 1646795-60-9 |
| **Molecular Formula** | C17H21NO3 |
| **Molecular Weight** | 287.35 |
| **Storage** | Powder: -20°C for 3 years \| In solvent: -80°C for 1 year |
| **Shipping** | Shipping with blue ice/Shipping at ambient temperature. |
| **Purity** | 98+% |

## Structure



## Biological Description

(Z)-KC02 is an ABHD16A inhibitor which targets the enzyme responsible for producing lysophosphatidylserine (lyso-PS), a lipid involved in regulating immune and neurological functions. This compound is linked to the mitigation of neurological disorders, including retinitis pigmentosa and cataracts (PHARC), by depleting lyso-PS in lymphoblasts from affected individuals. Moreover, (Z)-KC02 diminishes lyso-PS levels and lipopolysaccharide-induced cytokine production in macrophages and influences lyso-PS metabolism in vivo [1] .

## Related Products / Keywords

- (Z)-KC02

This product is a research reagent and must not be used for clinical validation or human therapeutic use.