# BML-288

## PDE2 inhibitor

Potent ($IC_{50}$=40nM) and selective (290X selectivity over other PDE isoforms) inhibitor of phosphodiesterase Type II (PDE2). Displayed no significant level of binding to neither a collection of 54 receptors and ion channels, nor to a panel of 30 kinases. BML-288 demonstrated no inhibition of 5-lipoxygenase (5-LO) or cyclooxygenase (COX-1). BML-288 is more potent and selective than EHNA (BML-PD129).

**Citations:** 1 View Online »

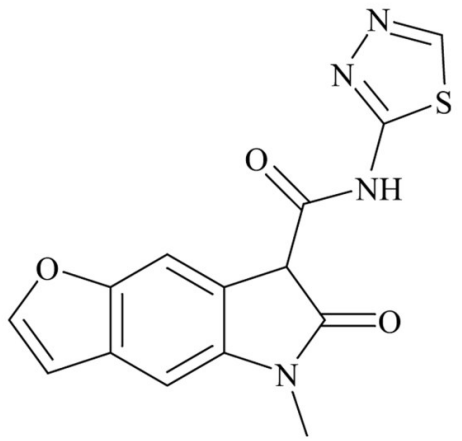
## Ordering Information

Order Online »

| | |
|---|---|
| **BML-PD200-0025** | 25mg |

## Manuals, SDS & CofA

View Online »

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|---|---|
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## Handling & Storage

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|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. Store under inert gas. Compound will darken on exposure to air. Stable for at least 1 year after the date of reciept when stored at -20°C. Solutions can be stored at -20°C for up to 3 months. |
| **Handling** | Solutions can be stored at -20°C for up to 3 months. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

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|---|---|
| **Alternative Name** | 5-Methyl-6-oxo-N-(1,3,4-thiadiazol-2-yl)-7H-furo[2,3-f]indole-7-carboxamide |
| **Appearance** | Off-white solid. |
| **Couple Target** | PDE |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{14}H_{10}N_4O_3S$ |
| **MW** | 314.3 |
| **MeltingPoint** | 243-245°C |
| **Purity** | ≥98% (TLC) |
| **Solubility** | Soluble in DMSO (25 mg/ml). |

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