VivoGlo™ Caspase 3/7 Substrate (Z-DEVD-Aminoluciferin Sodium Salt)

VivoGlo™ Caspase-3/7 Substrate (Z-DEVD-Aminoluciferin, Sodium Salt) is a firefly luciferase prosubstrate containing the DEVD tetrapeptide sequence recognized by caspase-3 and -7. Upon activation of caspase-3 or -7, the DEVD peptide is cleaved, and the liberated aminoluciferin reacts with luciferase to generate measurable light. Cleavage has been shown in in cellulo and in vivo systems. For mice, activity of a related salt was demonstrated when 10mg of the substrate in 150µl of saline was injected intraperitoneally. Other references suggest that doses as low as 1.5mg per mouse (50mg/kg) can be used. We recommend co...

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