

Specification

**GMBS**

**A7819**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A7819
<b>Product Name:</b>	GMBS
<b>Specifications:</b>	Assay: min. 98 % Identity (NMR): passes test
<b>Storage:</b>	2-8°C
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>
<b>M:</b>	280.20 g/mol
<b>CAS:</b>	80307-12-6
<b>CS:</b>	29280090
<b>Comment</b>  GMBS is a non-cleavable, water-insoluble, aliphatic heterobifunctional reagent with a spacer arm longer than BMPS. It reacts toward sulfhydryl and primary amine groups. The NHS ester reacts with primary amines at pH 7 - 9, while maleimide reacts with thiols at pH 6.5 - 7.5.	

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