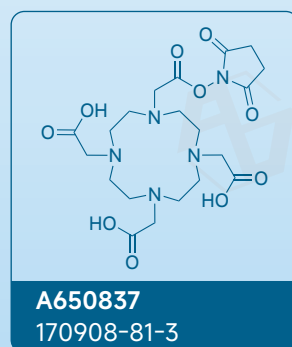
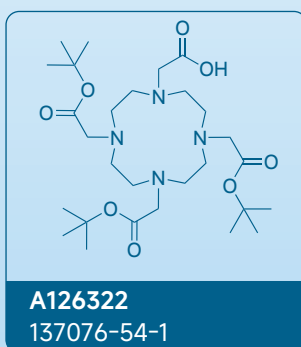
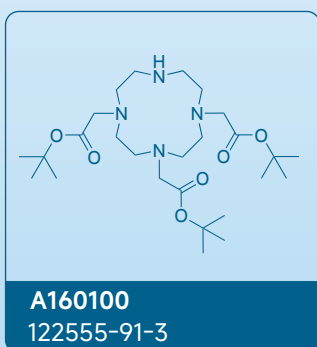
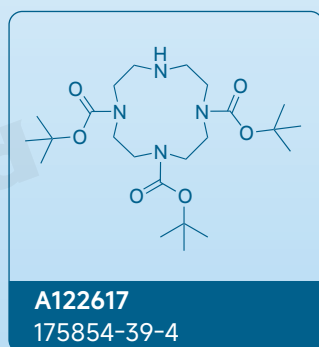
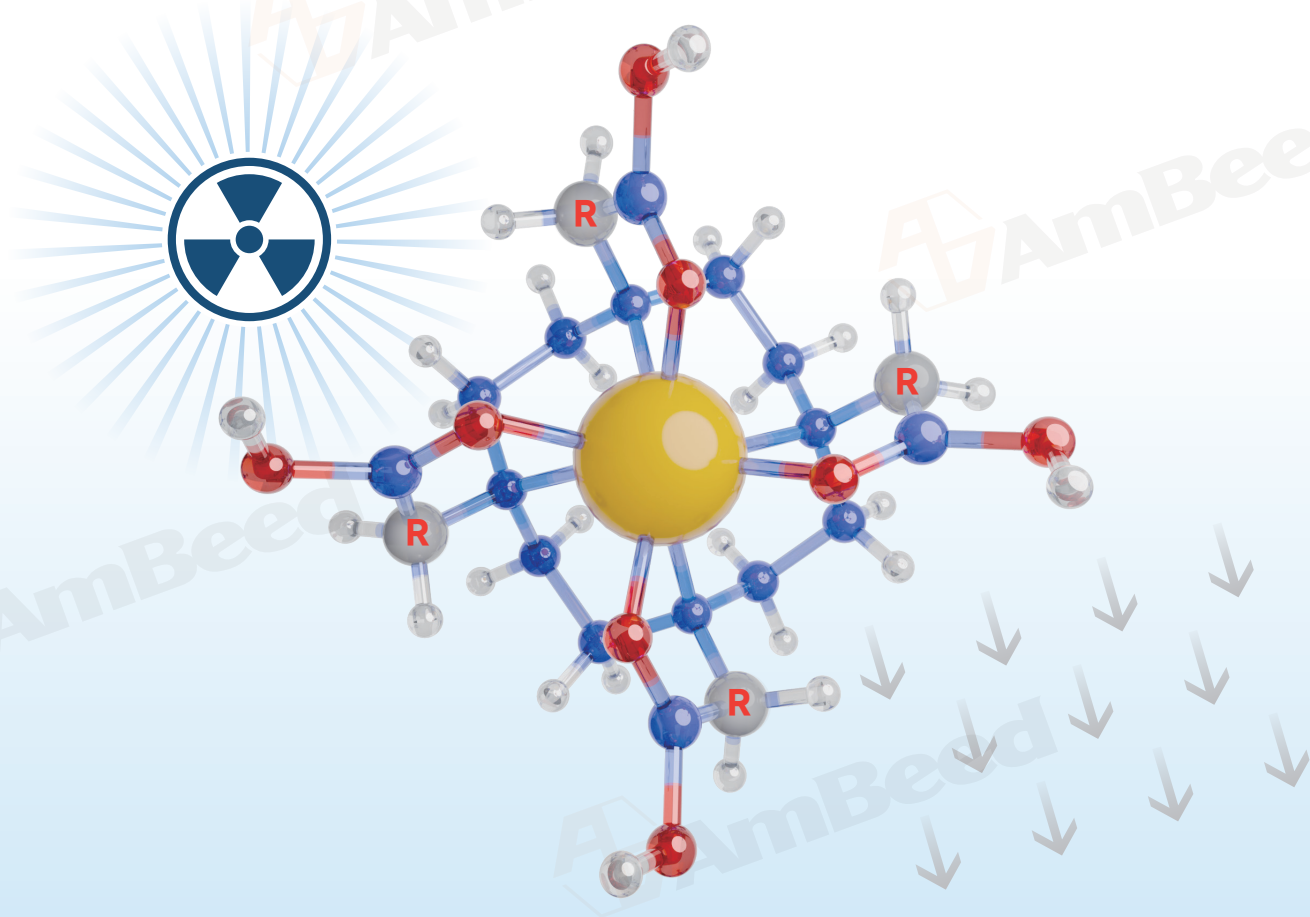


# DOTA螯合剂

## DOTA Based Chelating Agents

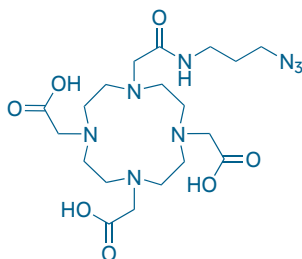


1,4,7,10-四氮杂环十二烷-1,4,7,10-四羧酸 (DOTA) 是一种十二元四氮杂大环配体，易溶于水和有机溶剂，具有良好的热力学和动力学特性。基于他的大环特性，与放射性同位素钆 (III) 离子等螯合，并使用其中一个羧基衍生缀合单克隆抗体等分子，可用于靶向放射性癌症治疗；与产生对比的顺磁性金属钆 (III) 离子等螯合，可制备辅助增强MRI图像信号的造影剂。



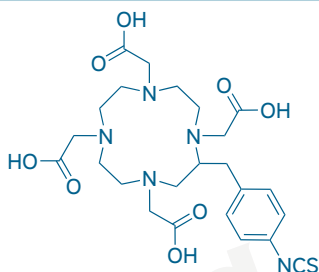
# DOTA螯合剂

## DOTA Based Chelating Agents



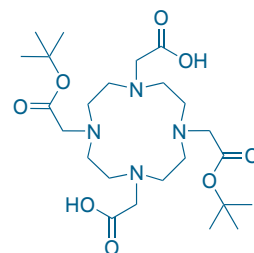
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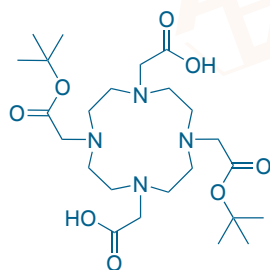
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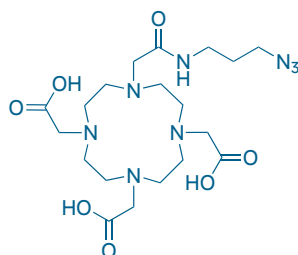
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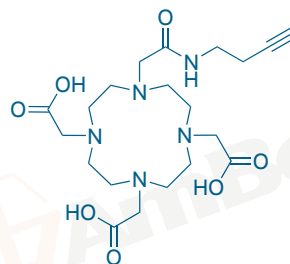
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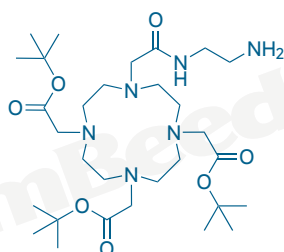
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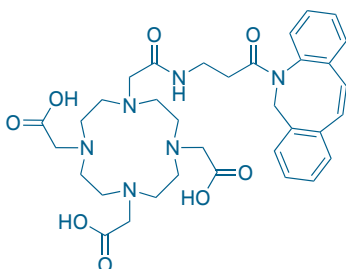
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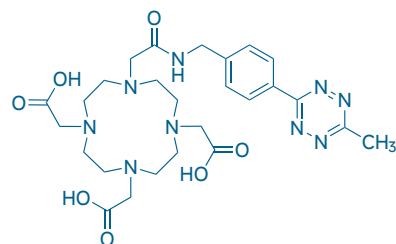
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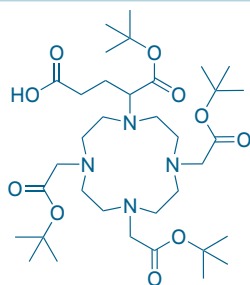
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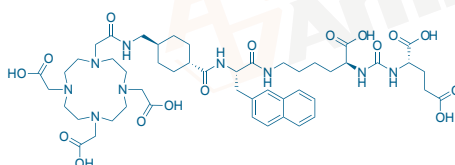
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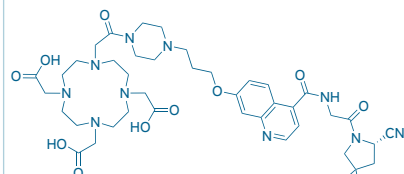
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