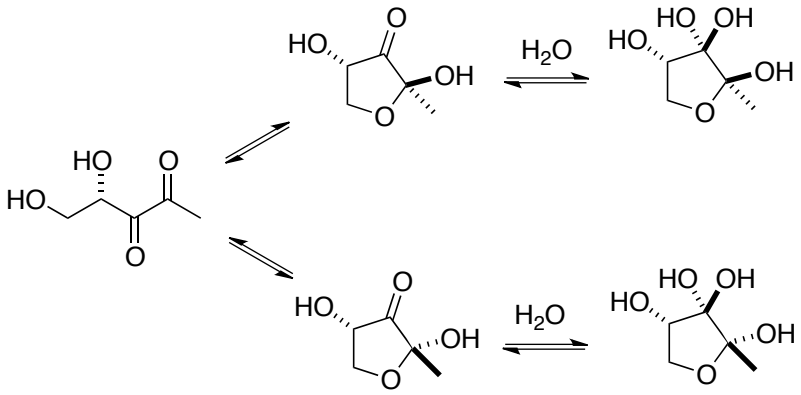
**AI-2 and related compounds for sale**

We synthesise and supply AI-2 and related compounds. For price requesting and placing orders contact Rita Ventura (rventura@itqb.unl.pt) or Karina Xavier (kxavier@igc.gulbenkian.pt).

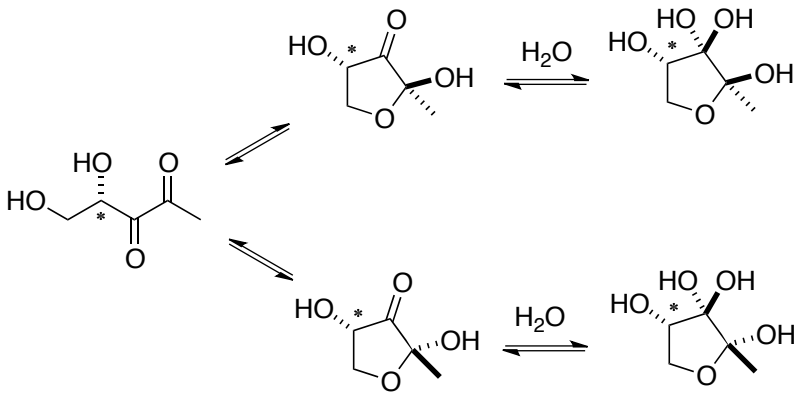
Catalogue:

**01 – AI-2** – A quorum sensing molecule for biological studies.

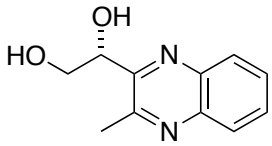
Reference: Ascenso, O. S.; Marques, J. C.; Santos, A. R.; Xavier, K. B.; Ventura, M. R.; Maycock, C. D. *Bioorg. Med. Chem.* **2011**, *19*, 1236.



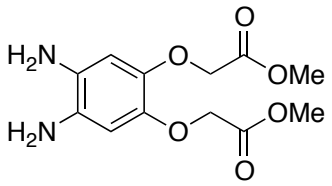

**02 – AI-2 labelled with $^{13}C$ at C-4**



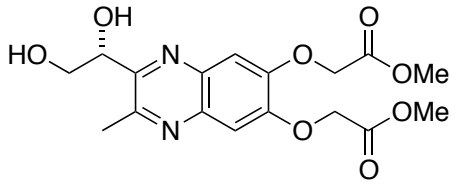
**03 - (S)-1-(3-methylquinoxalin-2-yl)-ethane-1,2-diol** – a stable AI-2 quinoxaline derivative.




**04 - Dimethyl 2,2'-(4,5-diamino-1,2-phenylene)bis(oxy)diacetate** – a tagging reagent that forms the corresponding quinoxaline with AI-2, used in the quantification of AI-2 in biological samples by LC-MS/MS. Reference: Campagna, R. S.; Gooding, J. R.; May, A. L. *Anal. Chem.* **2009**, *81*, 6374.




**05 - (*R*)-dimethyl 2,2'-(2-(1,2-dihydroxyethyl)-3-methylquinoxaline-6,7-diyl)bis(oxy)diacetate** – an AI-2 quinoxaline derivative used in the quantification of AI-2 in biological samples by LC-MS/MS. Reference: Campagna, R. S.; Gooding, J. R.; May, A. L. *Anal. Chem.* **2009**, *81*, 6374.




**05 - (*R*)-dimethyl 2,2'-(2-(1,2-dihydroxyethyl)-3-methylquinoxaline-6,7-diyl)bis(oxy)diacetate labelled with $^{13}$C** - an [$^{13}$C-C4]AI-2 quinoxaline derivative used as internal standard in the quantification of AI-2 in biological samples by LC-MS/MS. Reference: Campagna, R. S.; Gooding, J. R.; May, A. L. *Anal. Chem.* **2009**, *81*, 6374.