

Dimethylsulfoniopropionate sulfur and methyl carbon assimilation in *Ruegeria* species

Joseph S. Wirth, Tao Wang, Qiuyuan Huang, Robert H. White, and William B. Whitman

Supplementary Material

Table S3. Comparison of the isotopomer enrichments for *R. pomeroyi* and *R. lacuscaerulensis* chemostat cultures.

Compound	Isotopomer	<i>R. pomeroyi</i> ^a	<i>R. lacuscaerulensis</i> ^a
Methionine	¹² C ³² S	47.8 ± 0.2	49.0 ± 5.2
	¹³ C ³² S	3.9 ± 0.5	3.2 ± 1.7
	¹² C ³⁴ S	25.7 ± 1.1	22.9 ± 0.9
	¹³ C ³⁴ S	22.7 ± 0.8	25.4 ± 4.6
	total ¹³ C	26.5 ± 1.0	28.5 ± 6.4
	total ³⁴ S	48.3 ± 0.6	48.3 ± 4.5
Cysteine	¹² C ³² S	47.0 ± 2.9	48.4 ± 3.8
	¹³ C ³² S	7.1 ± 4.2	0.5 ± 1.7
	¹² C ³⁴ S	38.4 ± 1.7	49.9 ± 6.5
	¹³ C ³⁴ S	7.8 ± 2.9	1.4 ± 0.8
	total ¹³ C	14.9 ± 4.2	1.9 ± 2.3
	total ³⁴ S	46.2 ± 3.6	51.3 ± 6.2

^a: Values indicate the mean ($n = 3$) percent enrichment of each isotopomer after five days in chemostat following the addition of 50 μ M DMSP (50.18 ± 2.24 % enriched with [¹³C][³⁴S]DMSP) to the chemostat reservoir and were calculated as described in the Materials and Methods. Error indicates the 95 % confidence intervals.