

Ethylbenzene
100-41-4 | DTXSID3020596

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 271 L/kg

Global applicability domain: Inside

Local applicability domain index: 7.66e-01

Confidence level: 6.52e-01

Nearest Neighbors from the Training Set

Image not found

Ethylbenzene

Measured: 170

Predicted: 271

Image not found

Styrene

Measured: 912

Predicted: 358

Image not found

para-Xylene

Measured: 257

Predicted: 246

Image not found

p-Cresol

Measured: 501

Predicted: 95.9

Image not found

m-Xylene

Measured: 178

Predicted: 246