

Phenylpropanolamine, N,O-bis(heptafluorobutyryl) deriv.

Other names: Phenylpropanolamine, HFB
Inchi: InChI=1S/C17H11F14NO3/c1-7(32-10(33)12(18,19)14(22,23)16(26,27)28)9(8-5-3-2-4-6-10-11-13-15-17)/q1-3-5-7-9-11-13-15-17-19-21-23-25-27-29-31-33-35-37-39-41-43-45-47-49-51-53-55-57-59-61-63-65-67-69-71-73-75-77-79-81-83-85-87-89-91-93-95-97-99-101-103-105-107-109-111-113-115-117-119-121-123-125-127-129-131-133-135-137-139-141-143-145-147-149-151-153-155-157-159-161-163-165-167-169-171-173-175-177-179-181-183-185-187-189-191-193-195-197-199-201-203-205-207-209-211-213-215-217-219-221-223-225-227-229-231-233-235-237-239-241-243-245-247-249-251-253-255-257-259-261-263-265-267-269-271-273-275-277-279-281-283-285-287-289-291-293-295-297-299-301-303-305-307-309-311-313-315-317-319-321-323-325-327-329-331-333-335-337-339-341-343-345-347-349-351-353-355-357-359-361-363-365-367-369-371-373-375-377-379-381-383-385-387-389-391-393-395-397-399-401-403-405-407-409-411-413-415-417-419-421-423-425-427-429-431-433-435-437-439-441-443-445-447-449-451-453-455-457-459-461-463-465-467-469-471-473-475-477-479-481-483-485-487-489-491-493-495-497-499-501-503-505-507-509-511-513-515-517-519-521-523-525-527-529-531-533-535-537-539-541-543-545-547-549-551-553-555-557-559-561-563-565-567-569-571-573-575-577-579-581-583-585-587-589-591-593-595-597-599-601-603-605-607-609-611-613-615-617-619-621-623-625-627-629-631-633-635-637-639-641-643-645-647-649-651-653-655-657-659-661-663-665-667-669-671-673-675-677-679-681-683-685-687-689-691-693-695-697-699-701-703-705-707-709-711-713-715-717-719-721-723-725-727-729-731-733-735-737-739-741-743-745-747-749-751-753-755-757-759-761-763-765-767-769-771-773-775-777-779-781-783-785-787-789-791-793-795-797-799-801-803-805-807-809-811-813-815-817-819-821-823-825-827-829-831-833-835-837-839-841-843-845-847-849-851-853-855-857-859-861-863-865-867-869-871-873-875-877-879-881-883-885-887-889-891-893-895-897-899-901-903-905-907-909-911-913-915-917-919-921-923-925-927-929-931-933-935-937-939-941-943-945-947-949-951-953-955-957-959-961-963-965-967-969-971-973-975-977-979-981-983-985-987-989-991-993-995-997-999-1001-1003-1005-1007-1009-1011-1013-1015-1017-1019-1021-1023-1025-1027-1029-1031-1033-1035-1037-1039-1041-1043-1045-1047-1049-1051-1053-1055-1057-1059-1061-1063-1065-1067-1069-1071-1073-1075-1077-1079-1081-1083-1085-1087-1089-1091-1093-1095-1097-1099-1101-1103-1105-1107-1109-1111-1113-1115-1117-1119-1121-1123-1125-1127-1129-1131-1133-1135-1137-1139-1141-1143-1145-1147-1149-1151-1153-1155-1157-1159-1161-1163-1165-1167-1169-1171-1173-1175-1177-1179-1181-1183-1185-1187-1189-1191-1193-1195-1197-1199-1201-1203-1205-1207-1209-1211-1213-1215-1217-1219-1221-1223-1225-1227-1229-1231-1233-1235-1237-1239-1241-1243-1245-1247-1249-1251-1253-1255-1257-1259-1261-1263-1265-1267-1269-1271-1273-1275-1277-1279-1281-1283-1285-1287-1289-1291-1293-1295-1297-1299-1301-1303-1305-1307-1309-1311-1313-1315-1317-1319-1321-1323-1325-1327-1329-1331-1333-1335-1337-1339-1341-1343-1345-1347-1349-1351-1353-1355-1357-1359-1361-1363-1365-1367-1369-1371-1373-1375-1377-1379-1381-1383-1385-1387-1389-1391-1393-1395-1397-1399-1401-1403-1405-1407-1409-1411-1413-1415-1417-1419-1421-1423-1425-1427-1429-1431-1433-1435-1437-1439-1441-1443-1445-1447-1449-1451-1453-1455-1457-1459-1461-1463-1465-1467-1469-1471-1473-1475-1477-1479-1481-1483-1485-1487-1489-1491-1493-1495-1497-1499-1501-1503-1505-1507-1509-1511-1513-1515-1517-1519-1521-1523-1525-1527-1529-1531-1533-1535-1537-1539-1541-1543-1545-1547-1549-1551-1553-1555-1557-1559-1561-1563-1565-1567-1569-1571-1573-1575-1577-1579-1581-1583-1585-1587-1589-1591-1593-1595-1597-1599-1601-1603-1605-1607-1609-1611-1613-1615-1617-1619-1621-1623-1625-1627-1629-1631-1633-1635-1637-1639-1641-1643-1645-1647-1649-1651-1653-1655-1657-1659-1661-1663-1665-1667-1669-1671-1673-1675-1677-1679-1681-1683-1685-1687-1689-1691-1693-1695-1697-1699-1701-1703-1705-1707-1709-1711-1713-1715-1717-1719-1721-1723-1725-1727-1729-1731-1733-1735-1737-1739-1741-1743-1745-1747-1749-1751-1753-1755-1757-1759-1761-1763-1765-1767-1769-1771-1773-1775-1777-1779-1781-1783-1785-1787-1789-1791-1793-1795-1797-1799-1801-1803-1805-1807-1809-1811-1813-1815-1817-1819-1821-1823-1825-1827-1829-1831-1833-1835-1837-1839-1841-1843-1845-1847-1849-1851-1853-1855-1857-1859-1861-1863-1865-1867-1869-1871-1873-1875-1877-1879-1881-1883-1885-1887-1889-1891-1893-1895-1897-1899-1901-1903-1905-1907-1909-1911-1913-1915-1917-1919-1921-1923-1925-1927-1929-1931-1933-1935-1937-1939-1941-1943-1945-1947-1949-1951-1953-1955-1957-1959-1961-1963-1965-1967-1969-1971-1973-1975-1977-1979-1981-1983-1985-1987-1989-1991-1993-1995-1997-1999-2001-2003-2005-2007-2009-2011-2013-2015-2017-2019-2021-2023-2025-2027-2029-2031-2033-2035-2037-2039-2041-2043-2045-2047-2049-2051-2053-2055-2057-2059-2061-2063-2065-2067-2069-2071-2073-2075-2077-2079-2081-2083-2085-2087-2089-2091-2093-2095-2097-2099-2101-2103-2105-2107-2109-2111-2113-2115-2117-2119-2121-2123-2125-2127-2129-2131-2133-2135-2137-2139-2141-2143-2145-2147-2149-2151-2153-2155-2157-2159-2161-2163-2165-2167-2169-2171-2173-2175-2177-2179-2181-2183-2185-2187-2189-2191-2193-2195-2197-2199-2201-2203-2205-2207-2209-2211-2213-2215-2217-2219-2221-2223-2225-2227-2229-2231-2233-2235-2237-2239-2241-2243-2245-2247-2249-2251-2253-2255-2257-2259-2261-2263-2265-2267-2269-2271-2273-2275-2277-2279-2281-2283-2285-2287-2289-2291-2293-2295-2297-2299-2301-2303-2305-2307-2309-2311-2313-2315-2317-2319-2321-2323-2325-2327-2329-2331-2333-2335-2337-2339-2341-2343-2345-2347-2349-2351-2353-2355-2357-2359-2361-2363-2365-2367-2369-2371-2373-2375-2377-2379-2381-2383-2385-2387-2389-2391-2393-2395-2397-2399-2401-2403-2405-2407-2409-2411-2413-2415-2417-2419-2421-2423-2425-2427-2429-2431-2433-2435-2437-2439-2441-2443-2445-2447-2449-2451-2453-2455-2457-2459-2461-2463-2465-2467-2469-2471-2473-2475-2477-2479-2481-2483-2485-2487-2489-2491-2493-2495-2497-2499-2501-2503-2505-2507-2509-2511-2513-2515-2517-2519-2521-2523-2525-2527-2529-2531-2533-2535-2537-2539-2541-2543-2545-2547-2549-2551-2553-2555-2557-2559-2561-2563-2565-2567-2569-2571-2573-2575-2577-2579-2581-2583-2585-2587-2589-2591-2593-2595-2597-2599-2601-2603-2605-2607-2609-2611-2613-2615-2617-2619-2621-2623-2625-2627-2629-2631-2633-2635-2637-2639-2641-2643-2645-2647-2649-2651-2653-2655-2657-2659-2661-2663-2665-2667-2669-2671-2673-2675-2677-2679-2681-2683-2685-2687-2689-2691-2693-2695-2697-2699-2701-2703-2705-2707-2709-2711-2713-2715-2717-2719-2721-2723-2725-2727-2729-2731-2733-2735-2737-2739-2741-2743-2745-2747-2749-2751-2753-2755-2757-2759-2761-2763-2765-2767-2769-2771-2773-2775-2777-2779-2781-2783-2785-2787-2789-2791-2793-2795-2797-2799-2801-2803-2805-2807-2809-2811-2813-2815-2817-2819-2821-2823-2825-2827-2829-2831-2833-2835-2837-2839-2841-2843-2845-2847-2849-2851-2853-2855-2857-2859-2861-2863-2865-2867-2869-2871-2873-2875-2877-2879-2881-2883-2885-2887-2889-2891-2893-2895-2897-2899-2901-2903-2905-2907-2909-2911-2913-2915-2917-2919-2921-2923-2925-2927-2929-2931-2933-2935-2937-2939-2941-2943-2945-2947-2949-2951-2953-2955-2957-2959-2961-2963-2965-2967-2969-2971-2973-2975-2977-2979-2981-2983-2985-2987-2989-2991-2993-2995-2997-2999-3001-3003-3005-3007-3009-3011-3013-3015-3017-3019-3021-3023-3025-3027-3029-3031-3033-3035-3037-3039-3041-3043-3045-3047-3049-3051-3053-3055-3057-3059-3061-3063-3065-3067-3069-3071-3073-3075-3077-3079-3081-3083-3085-3087-3089-3091-3093-3095-3097-3099-3101-3103-3105-3107-3109-3111-3113-3115-3117-3119-3121-3123-3125-3127-3129-3131-3133-3135-3137-3139-3141-3143-3145-3147-3149-3151-3153-3155-3157-3159-3161-3163-3165-3167-3169-3171-3173-3175-3177-3179-3181-3183-3185-3187-3189-3191-3193-3195-3197-3199-3201-3203-3205-3207-3209-3211-3213-3215-3217-3219-3221-3223-3225-3227-3229-3231-3233-3235-3237-3239-3241-3243-3245-3247-3249-3251-3253-3255-3257-3259-3261-3263-3265-3267-3269-3271-3273-3275-3277-3279-3281-3283-3285-3287-3289-3291-3293-3295-3297-3299-3301-3303-3305-3307-3309-3311-3313-3315-3317-3319-3321-3323-3325-3327-3329-3331-3333-3335-3337-3339-3341-3343-3345-3347-3349-3351-3353-3355-3357-3359-3361-3363-3365-3367-3369-3371-3373-3375-3377-3379-3381-3383-3385-3387-3389-3391-3393-3395-3397-3399-3401-3403-3405-3407-3409-3411-3413-3415-3417-3419-3421-3423-3425-3427-3429-3431-3433-3435-3437-3439-3441-3443-3445-3447-3449-3451-3453-3455-3457-3459-3461-3463-3465-3467-3469-3471-3473-3475-3477-3479-3481-3483-3485-3487-3489-3491-3493-3495-3497-3499-3501-3503-3505-3507-3509-3511-3513-3515-3517-3519-3521-3523-3525-3527-3529-3531-3533-3535-3537-3539-3541-3543-3545-3547-3549-3551-3553-3555-3557-3559-3561-3563-3565-3567-3569-3571-3573-3575-3577-3579-3581-3583-3585-3587-3589-3591-3593-3595-3597-3599-3601-3603-3605-3607-3609-3611-3613-3615-3617-3619-3621-3623-3625-3627-3629-3631-3633-3635-3637-3639-3641-3643-3645-3647-3649-3651-3653-3655-3657-3659-3661-3663-3665-3667-3669-3671-3673-3675-3677-3679-3681-3683-3685-3687-3689-3691-3693-3695-3697-3699-3701-3703-3705-3707-3709-3711-3713-3715-3717-3719-3721-3723-3725-3727-3729-3731-3733-3735-3737-3739-3741-3743-3745-3747-3749-3751-3753-3755-3757-3759-3761-3763-3765-3767-3769-3771-3773-3775-3777-3779-3781-3783-3785-3787-3789-3791-3793-3795-3797-3799-3801-3803-3805-3807-3809-3811-3813-3815-3817-3819-3821-3823-3825-3827-3829-3831-3833-3835-3837-3839-3841-3843-3845-3847-3849-3851-3853-3855-3857-3859-3861-3863-3865-3867-3869-3871-3873-3875-3877-3879-3881-3883-3885-3887-3889-3891-3893-3895-3897-3899-3901-3903-3905-3907-3909-3911-3913-3915-3917-3919-3921-3923-3925-3927-3929-3931-3933-3935-3937-3939-3941-3943-3945-3947-3949-3951-3953-3955-3957-3959-3961-3963-3965-3967-3969-3971-3973-3975-3977-3979-3981-3983-3985-3987-3989-3991-3993-3995-3997-3999-4001-4003-4005-4007-4009-4011-4013-4015-4017-4019-4021-4023-4025-4027-4029-4031-4033-4035-4037-4039-4041-4043-4045-4047-4049-4051-4053-4055-4057-4059-4061-4063-4065-4067-4069-4071-4073-4075-4077-4079-4081-4083-4085-4087-4089-4091-4093-4095-4097-4099-4101-4103-4105-4107-4109-4111-4113-4115-4117-4119-4121-4123-4125-4127-4129-4131-4133-4135-4137-4139-4141-4143-4145-4147-4149-4151-4153-4155-4157-4159-4161-4163-4165-4167-4169-4171-4173-4175-4177-4179-4181-4183-4185-4187-4189-4191-4193-4195-4197-4199-4201-4203-4205-4207-4209-4211-4213-4215-4217-4219-4221-4223-4225-4227-4229-4231-4233-4235-4237-4239-4241-4243-4245-4247-4249-4251-4253-4255-4257-4259-4261-4263-4265-4267-4269-4271-4273-4275-4277-4279-4281-4283-4285-4287-4289-4291-4293-4295-4297-4299-4301-4303-4305-4307-4309-4311-4313-4315-4317-4319-4321-4323-4325-4327-4329-4331-4333-4335-4337-4339-4341-4343-4345-4347-4349-4351-4353-4355-4357-4359-4361-4363-4365-4367-4369-4371-4373-4375-4377-4379-4381-4383-4385-4387-4389-4391-4393-4395-4397-4399-4401-4403-4405-4407-4409-4411-4413-4415-4417-4419-4421-4423-4425-4427-4429-4431-4433-4435-4437-4439-4441-4443-4445-4447-4449-4451-4453-4455-4457-4459-4461-4463-4465-4467-4469-4471-4473-4475-4477-4479-4481-4483-4485-4487-4489-4491-4493-4495-4497-4499-4501-4503-4505-4507-4509-4511-4513-4515-4517-4519-4521-4523-4525-4527-4529-4531-4533-4535-4537-4539-4541-4543-4545-4547-4549-4551-4553-4555-4557-4559-4561-4563-4565-4567-4569-4571-4573-4575-4577-4579-4581-4583-4585-4587-4589-4591-4593-4595-4597-4599-4601-4603-4605-4607-4609-4611-4613-4615-4617-4619-4621-4623-4625-4627-4629-4631-4633-4635-4637-4639-4641-4643-4645-4647-4649-4651-4653-4655-4657-4659-4661-4663-4665-4667-4669-4671-4673-4675-4677-4679-4681-4683-4685-4687-4689-4691-4693-4695-4697-4699-4701-4703-4705-4707-4709-4711-4713-4715-4717-4719-4721-4723-4725-4727-4729-4731-4733-4735-4737-4739-4741-4743-4745-4747-4749-4751-4753-4755-4757-4759-4761-4763-4765-4767-4769-4771-4773-4775-4777-4779-4781-4783-4785-4787-4789-4791-4793-4795-4797-4799-4801-4803-4805-4807-4809-4811-4813-4815-4817-4819-4821-4823-4825-4827-4829-4831-4833-4835-4837-4839-4841-4843-4845-4847-4849-4851-4853-4855-4857-4859-4861-4863-4865-4867-4869-4871-4873-4875-4877-4879-4881-4883-4885-4887-4889-4891-4893-4895-4897-4899-4901-4903-4905-4907-4909-4911-4913-4915-4917-4919-4921-4923-4925-4927-4929-4931-4933-4935-4937-4939-4941-4943-4945-4947-4949-4951-4953-4955-4957-4959-4961-4963-4965-4967-4969-4971-4973-4975-4977-4979-4981-4983-4985-4987-4989-4991-4993-4995-4997-4999-5001-5003-5005-5007-5009-5011-5013-5015-5017-5019-5021-5023-5025-5027-5029-5031-5033-5035-5037-5039-5041-5043-5045-5047-5049-5051-5053-5055-5057-5059-5061-5063-5065-5067-5069-5071-5073-5075-5077-5079-5081-5083-5085-5087-5089-5091-5093-5095-5097

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U281491&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

cpg:	Ideal gas heat capacity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

Latest version available from:

<https://www.chemeo.com/cid/32-788-2/Phenylpropanolamine-N-O-bis-heptafluorobutryl-deriv.pdf>

Generated by Cheméo on 2025-12-05 13:55:13.023043805 +0000 UTC m=+4691110.553084460.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.